

2008

YZF-R6

KEY FEATURES:

1. Light, powerful and bristling with knowledge gained from years of racing, the YZF-R6 is the most advanced production 600cc motorcycle Yamaha—or anybody else—has ever built.
2. The YZF-R6 was the first production motorcycle with a fly-by-wire throttle system—for flawless response under all conditions.
3. YCC-I, Yamaha Chip Controlled Intake, introduced in 2007 on the R1, is now used on the R6 to vary intake tract length for excellent cylinder filling and a broader powerband. On the higher-revving R6, its benefits are even more pronounced.
4. Slipper-type back torque-limiting clutch greatly facilitates braking/downshifting from high speed.
5. The YZF-R6 achieves fuel economy up to an estimated 40 mpg** with a fuel tank that holds 4.6 gallons of gas.

**No
Image
Available**

Cadmium Yellow w/Flames
\$9,799 MSRP

**No
Image
Available**

Team Yamaha Blue/White
\$9,599 MSRP

**No
Image
Available**

Raven
\$9,599 MSRP

**No
Image
Available**

Liquid Silver
\$9,599 MSRP



Manufacturer's Suggested Retail Price (MSRP) shown. Does not include tax, title, prep or destination charges. Actual prices set by dealer.

FEATURES & BENEFITS

NEW FOR 2008:

Over 50 friction-reducing strategies have been employed inside the engine, including the use of wider crank bearings.

Upgraded fuel injection mapping for the YCC-T dual-injector system complements the higher compression ratio for great throttle response and reduced engine braking.

A magnesium subframe removes weight from the rear of the motorcycle for increased mass centralization.

All-new frame takes handling to the next level, allowing more precise turn-in, greater corner speed, and tighter exits. Thicker headpipe-headstock and swingarm pivot area walls, and elimination of the frame crossmember, help achieve perfect balance.

New swingarm has internal ribs added, and extruded section is now forged to work with the new frame.

Revised outer fork tubes, a new lower triple clamp, and increased fork offset provide highly tactile front-end feedback.

Moving the rider and bars forward and slightly lower enhances braking and turn-in performance. Clip-ons are also lower and re-angled.

Front discs are 310 x 5mm instead of 4.5mm for increased cooling qualities.

Increased fork height adjustability and rear ride-height adjustment range accommodate a greater range of riders and tires.

Revised bodywork results in even greater aerodynamic efficiency.

ENGINE:

YCCT—Yamaha Chip Controlled Throttle—uses a powerful ECU and multiple sensors to provide perfect, smooth engine response and optimal power whenever the throttle is twisted under all conditions.

Twin-injector fuel injection: shower-type injectors above each intake funnel help achieve optimum fuel atomization at high rpm.

Back torque-limiting slipper clutch greatly facilitates braking and downshifting from high speed. Close-ratio six-speed transmission delivers seamless power and maximum acceleration.

GP-style titanium muffler contributes to mass centralization and contains EXUP for a broad powerband, spot-on injection and emissions compliance.

Linerless, direct-plated ceramic-composite cylinder bores mean greater heat dissipation for consistent power delivery and reduced friction.

Cool magnesium valve and engine covers are light and stylish.

Direct-ignition coils, dual-electrode spark plugs and high-output magneto deliver extremely accurate, reliable firing.

CHASSIS/SUSPENSION:

Deltabox aluminum frame incorporates GP thinking in terms of engine positioning and rigidity for the ultimate in 600-class handling.

Lightweight aluminum swingarm pivots high in the frame, for increased anti-squat effect and mid-corner stability. TZ-type chain adjusters ease rear tire changes.

Four-way adjustable (preload, high-speed compression, low-speed compression and rebound damping) inverted fork with 41mm tubes increases freedom in setting up for street or track use; soak up the bumps and resist bottoming when braking.

Four-way adjustable (preload, high-speed compression, low-speed compression and rebound damping) piggyback rear shock delivers exceptional rear wheel tracking and stability.

Dual 310mm front disc brakes use forged one-piece radial-mount calipers and radial-pump front master cylinder with adjustable lever for astounding braking power and feel.

The casting technique for the five-spoke 17-inch wheels makes the rims light and strong, not to mention wickedly cool-looking.

ADDITIONAL FEATURES:

Built-in lap timer is controlled by a right handlebar switch.

Multifunction digital and analog instrumentation features: programmable shift light, digital speedometer, analog tachometer, dual tripmeters with miles-on-reserve function, odometer, water temp gauge and lights for neutral, high beam, low fuel and turn signals.

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For Accessories, visit shopyamaha.com

SPECIFICATIONS:

Engine Type	599cc liquid-cooled inline 4-cylinder; DOHC, 16 titanium valves
Bore x Stroke	67.0 x 42.5mm
Compression Ratio	13.1:1
Fuel Delivery	Fuel Injection with YCC-T and YCC-I
Ignition	TCI
Transmission	6-speed w/multi-plate slipper clutch
Final Drive	#525 O-ring chain
Suspension / Front	41mm inverted fork; 4-way adjustable, 4.7-in travel
Suspension / Rear	Single shock; 4-way adjustable, 4.7-in travel
Brakes / Front	Dual 310mm floating disc; radial-mount 4-piston calipers
Brakes / Rear	220mm disc; single-piston caliper
Tires / Front	120/70-ZR17
Tires / Rear	180/55-ZR17
L x W x H	80.3 in x 27.6 in x 43.3 in
Seat Height	33.5 in
Wheelbase	54.3 in
Rake (Caster Angle)	24°
Trail	3.8 in
Maximum Ground Clearance	5.12 in
Oil Capacity (with oil filter change)	2.75 qt
Fuel Capacity	4.6 gal
Fuel Economy**	40 mpg
Dry Weight	366 lb
Wet Weight***	410 lb
Primary Reduction Ratio	85/41 (2.073)
Secondary Reduction Ratio	45/16 (2.813)

Gear Ratio - 1st Gear 17/28 (0.607)
Gear Ratio - 2nd Gear 16/23 (0.696)
Gear Ratio - 3rd Gear 15/18 (0.833)
Gear Ratio - 4th Gear 14/14 (1.000)
Gear Ratio - 5th Gear 13/11 (1.182)

CVT models include the vehicle with all standard equipment and all fluids, including oil, coolant (as applicable) and a full tank of fuel. It does not include the weight of options or accessories. Wet weight is useful in making real-world comparisons with other models.

Gear Ratio - 3rd Gear 30/18 (1.667)

Gear Ratio - 4th Gear 26/18 (1.444)

Gear Ratio - 5th Gear 27/21 (1.286)

Gear Ratio - 6th Gear 23/20 (1.150)

Warranty 1 Year (Limited Factory Warranty)

Color Cadmium Yellow w/Flames; Team Yamaha
Blue/White; Raven; Liquid Silver