

Converting Colors

YIQ(187.4500, 84.8280,
-39.5560)

Have a look what the booklet for
YIQ(187.4500, 84.8280, -39.5560)
contains.

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Color

**YIQ(187.4500, 84.8280,
-39.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BE1A
RGB	244, 190, 26
RGB Percent	96%, 75%, 10%
CMY	0.0431, 0.2550, 0.8975
CMYK	0.00, 0.22, 0.89, 0.04
HSL	45°, 91%, 53%
HSV	45°, 89%, 96%
XYZ	55.9068, 56.1263, 8.8711
YIQ	187.4500, 84.8280, -39.5560

Conversions

Conversions Part 2

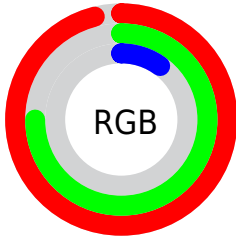
Format	Color
RYB	98, 244, 26
Decimal	16039450
CIELab	79.69, 6.50, 78.27
CIELCh	80, 78.541, 85.256
Yxy	56.1263, 0.4624, 0.4642
Android (android.graphics.Color)	4294229530 (0xFFFF4BE1A)
YUV	187.4500, -79.5948, 49.5944
Hunter-Lab	74.9175, 2.0991, 45.4216

Details

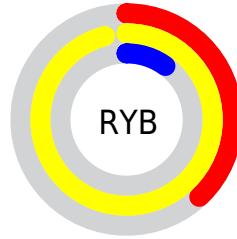
The YIQ color **187.4500, 84.8280, -39.5560** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **82.5500, -84.8280, 39.5560**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1350, 54.7980, -45.9860**, and **135.1360, 71.3930, -32.8550** is the 20% darker color. If you saturate the color by 10%, you get **181.1920, 94.1820, -43.8820**, and if you desaturate by 10%, it is **193.8220, 75.1530, -34.9190**.

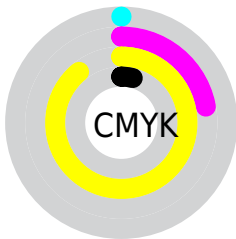
Distribution



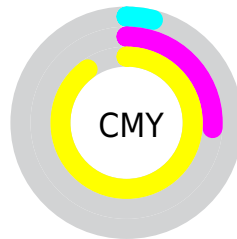
- Red (96%)
- Green (75%)
- Blue (10%)



- Red (38%)
- Yellow (96%)
- Blue (10%)



- Cyan (0%)
- Magenta (22%)
- Yellow (89%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4500, 84.8280, -39.5560 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 187.4500, 84.8280, -39.5560 by changing the saturation by 10% instead.

187.4500, 84.8280,
-39.5560

187.4500, 84.8280,
-39.5560

255.0000, -0.0000,
-0.0000

159.3680, 82.1230,
-40.0930

231.2490, 54.4770,
-45.6750

135.1360, 71.3930,
-32.8550

239.7240, 43.0140,
-41.6740

111.4910, 60.3880,
-26.1400

243.0300, 33.7050,
-32.6550

88.4330, 49.1080,
-19.9480

246.2220, 24.7170,
-23.9470

66.5600, 38.7450,
-13.8550

249.6420, 15.0870,
-14.6170

45.2740, 28.1070,
-8.2850

252.9480, 5.7780,

26.0590, 18.7070,

-5.5980

-3.1250

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 187.4500, 84.8280,
-39.5560

■ 187.4500, 84.8280,
-39.5560

■ 181.1920, 94.1820,
-43.8820

■ 193.8220, 75.1530,
-34.9190

■ 180.9640, 94.8240,
-44.5040

■ 200.0800, 65.7990,
-30.5930

■ 206.3380, 56.4450,
-26.2670

■ 212.7100, 46.7700,
-21.6300

■ 218.9680, 37.4160,
-17.3040

■ 225.3400, 27.7410,
-12.6670

■ 231.5980, 18.3870,
-8.3410

■ 237.8560, 9.0330,
-4.0150

■ 244.2280, -0.6420,
0.6220

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.4160, 83.3090, -6.5070



187.4500, 84.8280, -39.5560



181.7140, 30.6380, -59.6820

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.4500, 84.8280, -39.5560



165.2540, -145.6550, -42.0310



193.3650, 28.8750, 54.9150

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187.4500, 84.8280, -39.5560



82.5500, -84.8280, 39.5560

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188.8160, -27.8800, 20.6960



187.4500, 84.8280, -39.5560



161.1450, -143.7300, -38.3700

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187.4500, 84.8280, -39.5560



156.4590, -122.2680, -63.9000



152.3400, -139.6050, -30.5250



174.9620, 49.0030, 53.5710

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.4500, 84.8280, -39.5560



173.4320, -21.3540, -64.5700



152.3400, -139.6050, -30.5250



197.7290, 21.6780, 47.6780

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



187.4500, 84.8280, -39.5560



237.1550, 26.8240, -12.5680



97.4520, 112.2730, 63.3210



116.8690, 16.1860, -6.9980



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187.4500, 84.8280, -39.5560



188.9490, 99.1800, -46.3560



203.0020, 37.7940, -79.2460



118.8710, 4.6770, -2.1630



137.7940, 72.3560, -33.7880



43.4690, 23.0640, -10.5040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82.5500, -84.8280, 39.5560



66.0510, -99.1800, 46.3560



67.2970, -37.1980, 79.4580



113.1290, -4.6770, 2.1630



48.2060, -72.3560, 33.7880



15.5310, -23.0640, 10.5040

Previews

White Background



This preview shows how the YIQ color 187.4500, 84.8280, -39.5560 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 187.4500, 84.8280, -39.5560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.4500, 84.8280, -39.5560

Background



This preview shows how black text looks on a background with the YIQ color 187.4500, 84.8280, -39.5560.



This preview shows how white text looks on a background with the YIQ color 187.4500, 84.8280,

-39.5560.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

187.4500, 84.8280, -39.5560

Protanopia

186.2090, 69.1490, -47.2590

Deuteranopia

187.7110, 88.5870, -36.0930



Tritanopia

201.2060, 41.1230, 20.1550

Trichromacy



Original Color

187.4500, 84.8280, -39.5560

Protanomaly

186.7260, 75.0630, -44.3050

Deuteranomaly

187.5860, 87.4410, -37.3510

Tritanomaly

196.4040, 57.2200, -1.7560

Monochromacy



Original Color

187.4500, 84.8280, -39.5560

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1400, 31.1800, -14.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4500, 84.8280, -39.5560 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 190, 26)` looks like.

```
.text, #text, p{  
    color:rgb(244, 190, 26)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 190, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 190, 26) }
```

Border

The CSS property to change the border of an element to YIQ 187.4500, 84.8280, -39.5560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 190, 26) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(244, 190, 26) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(244, 190, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 190, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 190, 26);  
box-shadow:4px 4px 4px 4px rgb(244, 190,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4500, 84.8280, -39.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 190, 26) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
190, 26) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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