

Converting Colors

YIQ(168.4390, 92.5290,
-30.4390)

Have a look what the booklet for
YIQ(168.4390, 92.5290, -30.4390)
contains.

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Color

**YIQ(168.4390, 92.5290,
-30.4390)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EEA30E |
| RGB | 238, 163, 14 |
| RGB Percent | 93%, 64%, 5% |
| CMY | 0.0666, 0.3609, 0.9446 |
| CMYK | 0.00, 0.32, 0.94, 0.07 |
| HSL | 40°, 89%, 49% |
| HSV | 40°, 94%, 93% |
| XYZ | 48.4389, 44.3960, 6.4361 |
| YIQ | 168.4390, 92.5290, -30.4390 |

Conversions

Conversions Part 2

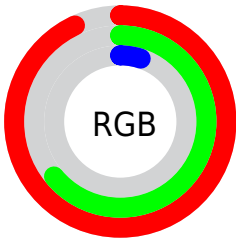
| Format | Color |
|-------------------------------------|---|
| RYB | 127, 238, 14 |
| Decimal | 15639310 |
| CIELab | 72.49, 17.95, 74.66 |
| CIELCh | 72, 76.792, 76.483 |
| Yxy | 44.3960, 0.4879, 0.4472 |
| Android (android.graphics.Color) | 4293829390 (0xFFEEA30E) |
| YUV | 168.4390, -76.1384, 61.0050 |
| Hunter-Lab | 66.6303, 13.1627, 40.9141 |

Details

The YIQ color **168.4390, 92.5290, -30.4390** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **83.5610, -92.5290, 30.4390**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.6730, 65.3870, -34.1410**, and **117.7810, 74.3710, -20.7410** is the 20% darker color. If you saturate the color by 10%, you get **163.9080, 98.3980, -32.1780**, and if you desaturate by 10%, it is **175.8710, 82.6250, -27.1590**.

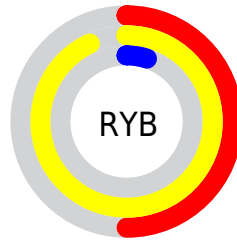
Distribution



Red (93%)

Green (64%)

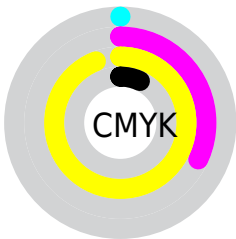
Blue (5%)



Red (50%)

Yellow (93%)

Blue (5%)

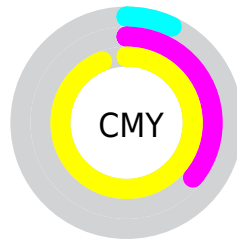


Cyan (0%)

Magenta (32%)

Yellow (94%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.4390, 92.5290, -30.4390 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 168.4390, 92.5290, -30.4390 by changing the saturation by 10% instead.

168.4390, 92.5290,
-30.4390

168.4390, 92.5290,
-30.4390

255.0000, -0.0000,
-0.0000

142.3120, 85.6970,
-27.7670

213.6730, 65.3870,
-34.1410

117.7810, 74.3710,
-20.7410

233.3010, 48.6990,
-40.0770

94.7230, 63.0910,
-14.5490

241.7760, 37.2360,
-36.0760

72.2520, 51.5360,
-8.8800

244.9680, 28.2480,
-27.3680

50.9660, 40.8980,
-3.3100

248.2740, 18.9390,
-18.3490

30.5660, 30.5810,
1.9490

251.5800, 9.6300,

11.0630, 22.0520,

-9.3300

7.8440

■ 0.0000, 0.0000,
0.0000

■ 168.4390, 92.5290,
-30.4390

■ 168.4390, 92.5290,
-30.4390

■ 163.9080, 98.3980,
-32.1780

■ 175.8710, 82.6250,
-27.1590

■ 183.3030, 72.7210,
-23.8790

■ 190.7350, 62.8170,
-20.5990

■ 198.0530, 53.2340,
-17.6300

■ 205.4850, 43.3300,
-14.3500

■ 212.9170, 33.4260,
-11.0700

■ 220.3490, 23.5220,
-7.7900

■ 227.7810, 13.6180,
-4.5100

■ 235.0990, 4.0350,
-1.5410

Harmonies

Analogous

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



163.0940, 90.6880, 8.4480



168.4390, 92.5290, -30.4390



161.5070, 53.1500, -60.1780

Triad

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



168.4390, 92.5290, -30.4390



147.8940, -127.0860, -42.6540



180.3080, 15.8540, 54.1100

Complementary

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



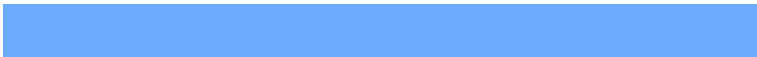
168.4390, 92.5290, -30.4390



83.5610, -92.5290, 30.4390

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.



162.0270, -65.3830, 12.0330



168.4390, 92.5290, -30.4390



150.5790, -138.7800, -28.9560

Square

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



168.4390, 92.5290, -30.4390



138.3980, -103.1030, -64.3110



143.5350, -135.4800, -22.6800



166.2710, 52.8070, 61.7270

Rectangle

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



168.4390, 92.5290, -30.4390



158.2300, 2.7620, -61.0940



143.5350, -135.4800, -22.6800



177.7950, -5.0510, 41.9970

Sweetspot

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



168.4390, 92.5290, -30.4390



232.8180, 29.3910, -9.5290



89.8680, 108.4660, 71.7460



114.1790, 18.2490, -5.8390



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.



168.4390, 92.5290, -30.4390



176.0350, 105.2300, -34.8500



202.2980, 51.6400, -76.8720



116.2840, 4.9520, -1.6400



126.6300, 76.1140, -24.7980



38.4630, 23.2010, -7.4790

Inverse Universe

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



83.5610, -92.5290, 30.4390



78.9650, -105.2300, 34.8500



49.7020, -51.6400, 76.8720



111.7160, -4.9520, 1.6400



57.3700, -76.1140, 24.7980



17.5370, -23.2010, 7.4790

Previews

White Background



This preview shows how the YIQ color 168.4390, 92.5290, -30.4390 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 168.4390, 92.5290, -30.4390 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 168.4390, 92.5290, -30.4390

Background



This preview shows how black text looks on a background with the YIQ color 168.4390, 92.5290, -30.4390.



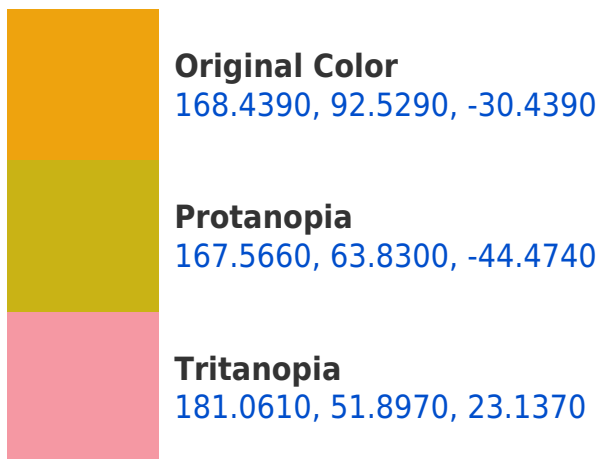
This preview shows how white text looks on a background with the YIQ color 168.4390, 92.5290, -30.4390.

-30.4390.

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



Trichromacy



Original Color

168.4390, 92.5290, -30.4390

Protanomaly

167.5890, 74.1910, -39.5130

Tritanomaly

176.3560, 66.3430, 3.6150

Monochromacy



Original Color

168.4390, 92.5290, -30.4390

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9170, 33.4260, -11.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4390, 92.5290, -30.4390 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(238, 163, 14)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 14)  
}
```

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(238, 163, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 14) }
```

Border

The CSS property to change the border of an element to YIQ 168.4390, 92.5290, -30.4390 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(238, 163, 14) }
```

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

```
.border{ border-color:rgb(238, 163, 14) }
```

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

Here you see how a box with a 4 pixel rgb(238, 163, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 14);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
14) }
```


Background

The CSS property to change the background color of an element to YIQ 168.4390, 92.5290, -30.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 14) }
```

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

```
.background{ background-color: rgb(238,  
163, 14) }
```

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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