

Converting Colors

YIQ(202.7910, 84.4650,
-60.5190)

Have a look what the booklet for
YIQ(202.7910, 84.4650, -60.5190)
contains.

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Color

**YIQ(202.7910, 84.4650,
-60.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DB06
RGB	246, 219, 6
RGB Percent	96%, 86%, 2%
CMY	0.0354, 0.1412, 0.9759
CMYK	0.00, 0.11, 0.97, 0.04
HSL	53°, 95%, 49%
HSV	53°, 97%, 96%
XYZ	63.3619, 70.2599, 10.3980
YIQ	202.7910, 84.4650, -60.5190

Conversions

Conversions Part 2

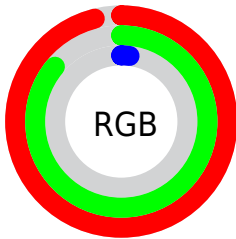
Format	Color
R _Y B	36, 246, 6
Decimal	16177926
CIE Lab	87.12, -7.72, 86.38
CIE LCh	87, 86.728, 95.105
Yxy	70.2599, 0.4400, 0.4878
Android (android.graphics.Color)	4294368006 (0xFFFF6DB06)
YUV	202.7910, -97.0180, 37.8943
Hunter-Lab	83.8212, -11.7558, 51.3200

Details

The YIQ color **202.7910, 84.4650, -60.5190** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **49.2090, -84.4650, 60.5190**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.3040, 52.6440, -51.0040**, and **152.1700, 64.8850, -47.0750** is the 20% darker color. If you saturate the color by 10%, you get **201.5200, 86.6660, -61.8620**, and if you desaturate by 10%, it is **207.4020, 75.6150, -54.3130**.

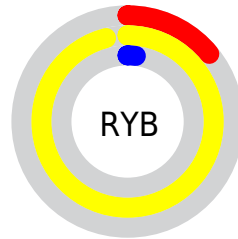
Distribution



Red (96%)

Green (86%)

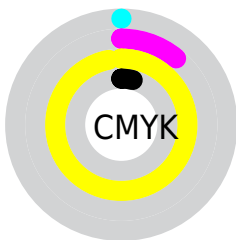
Blue (2%)



Red (14%)

Yellow (96%)

Blue (2%)

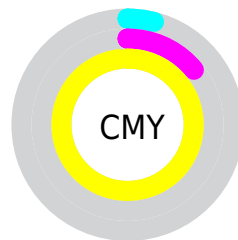


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (4%)



Cyan (4%)


Magenta (14%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.7910, 84.4650, -60.5190 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 202.7910, 84.4650, -60.5190 by changing the saturation by 10% instead.


 202.7910, 84.4650,
-60.5190


 202.7910, 84.4650,
-60.5190


255.0000, -0.0000,
-0.0000


 176.4020, 75.6150,
-54.3130


 236.3040, 52.6440,
-51.0040

 152.1700, 64.8850,
-47.0750


 239.7240, 43.0140,
-41.6740


 127.3510, 54.4300,
-39.3140


 243.0300, 33.7050,
-32.6550

 104.0050, 44.0210,
-32.3870

 246.4500, 24.0750,
-23.3250

 81.2460, 33.3370,
-25.9830

 249.7560, 14.7660,
-14.3060

 59.3730, 22.9740,
-19.8900

 253.1760, 5.1360,

 38.9840, 14.1240,

-4.9760

-13.6840

■ 19.4700, 4.1280,
-8.7360

■ 0.0000, 0.0000,
0.0000

■ 202.7910, 84.4650,
-60.5190

■ 202.7910, 84.4650,
-60.5190

■ 201.5200, 86.6660,
-61.8620

■ 207.4020, 75.6150,
-54.3130

■ 211.8990, 67.0860,
-48.4180

■ 215.9230, 58.5110,
-41.6890

■ 220.5340, 49.6610,
-35.4830

■ 225.0310, 41.1320,
-29.5880

■ 229.6420, 32.2820,
-23.3820

■ 233.5520, 24.0280,
-16.9640

■ 238.1630, 15.1780,
-10.7580

■ 242.7740, 6.3280,
-4.5520

Harmonies

Analogous

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



193.3270, 81.3410, -25.9150



202.7910, 84.4650, -60.5190



196.4720, 7.5320, -70.4520

Triad

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



202.7910, 84.4650, -60.5190



178.7550, -151.9800, -54.0600



195.1260, 28.0500, 53.3460

Complementary

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



202.7910, 84.4650, -60.5190



49.2090, -84.4650, 60.5190

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.



211.7620, 7.7430, 30.3910



202.7910, 84.4650, -60.5190



172.8850, -149.2300, -48.8300

Square

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



202.7910, 84.4650, -60.5190



175.9050, -143.9550, -61.8350



159.9710, -143.1800, -37.3240



179.2020, 48.0870, 48.1430

Rectangle

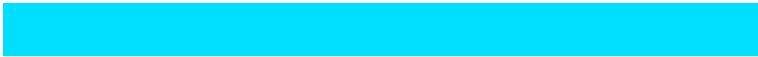
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.7910, 84.4650, -60.5190



180.2460, -65.2290, -78.9010



159.9710, -143.1800, -37.3240



202.1700, 24.7500, 47.0700

Sweetspot

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



202.7910, 84.4650, -60.5190



241.8680, 25.9540, -18.8300



80.9520, 134.0520, 59.5880



119.3480, 16.0950, -10.8570



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.



202.7910, 84.4650, -60.5190



208.9070, 89.8300, -64.1380



191.1320, 22.2080, -94.1440



120.0450, 4.1270, -3.2090



152.4690, 65.4810, -46.8630



48.1650, 20.8640, -14.6880

Inverse Universe

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



49.2090, -84.4650, 60.5190



46.0930, -89.8300, 64.1380



60.8680, -22.2080, 94.1440



112.5420, -4.4020, 2.6860



33.5310, -65.4810, 46.8630



10.8350, -20.8640, 14.6880

Previews

White Background



This preview shows how the YIQ color 202.7910, 84.4650, -60.5190 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 202.7910, 84.4650, -60.5190 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 202.7910, 84.4650, -60.5190

Background



This preview shows how black text looks on a background with the YIQ color 202.7910, 84.4650, -60.5190.



This preview shows how white text looks on a background with the YIQ color 202.7910, 84.4650,

-60.5190.

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

202.7910, 84.4650, -60.5190

Protanopia

202.7910, 84.4650, -60.5190

Deuteranopia

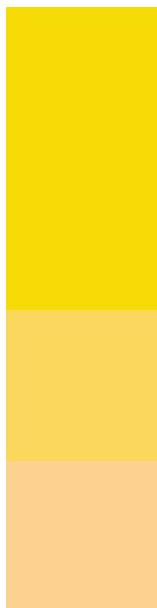
217.1050, 47.4560, -12.0320



Tritanopia

221.5460, 25.3060, 14.9540

Trichromacy



Original Color

202.7910, 84.4650, -60.5190

Protanomaly

202.7910, 84.4650, -60.5190

Deuteranomaly

212.2690, 60.8930, -29.7870

Tritanomaly

214.8060, 46.8600, -12.2440

Monochromacy



Original Color

202.7910, 84.4650, -60.5190

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0980, 30.9980, -22.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7910, 84.4650, -60.5190 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(246, 219, 6)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 6)  
}
```

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(246, 219, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 6) }
```

Border

The CSS property to change the border of an element to YIQ 202.7910, 84.4650, -60.5190 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(246, 219, 6) }
```


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

```
.border{ border-color:rgb(246, 219, 6) }
```

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

Here you see how a box with a 4 pixel rgb(246, 219, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 6);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
6) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7910, 84.4650, -60.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 6) }
```

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

```
.background{ background-color: rgb(246,  
219, 6) }
```

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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