

Converting Colors

YIQ(211.0500, 65.3430,
-44.3610)

Have a look what the booklet for
YIQ(211.0500, 65.3430, -44.3610)
contains.

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Color

**YIQ(211.0500, 65.3430,
-44.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DE3F
RGB	246, 222, 63
RGB Percent	96%, 87%, 25%
CMY	0.0353, 0.1294, 0.7525
CMYK	0.00, 0.10, 0.74, 0.04
HSL	52°, 91%, 61%
HSV	52°, 74%, 96%
XYZ	65.0207, 72.1878, 15.2236
YIQ	211.0500, 65.3430, -44.3610

Conversions

Conversions Part 2

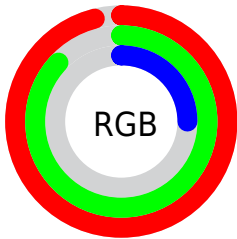
Format	Color
R_{YB}	91, 246, 63
Decimal	16178751
CIE _{Lab}	88.06, -7.97, 75.61
CIE _{LCh}	88, 76.026, 96.015
Yxy	72.1878, 0.4266, 0.4736
Android (android.graphics.Color)	4294368831 (0xFFFF6DE3F)
YUV	211.0500, -72.9886, 30.6512
Hunter-Lab	84.9634, -12.0837, 48.8509

Details

The YIQ color **211.0500, 65.3430, -44.3610** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **97.9500, -65.3430, 44.3610**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7240, 43.0140, -41.6740**, and **153.6430, 64.9310, -47.9090** is the 20% darker color. If you saturate the color by 10%, you get **206.5530, 73.8720, -50.2560**, and if you desaturate by 10%, it is **215.6610, 56.4930, -38.1550**.

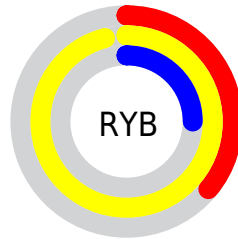
Distribution



Red (96%)

Green (87%)

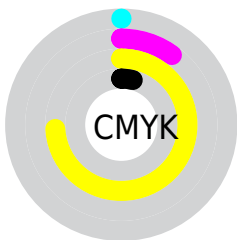
Blue (25%)



Red (36%)

Yellow (96%)

Blue (25%)

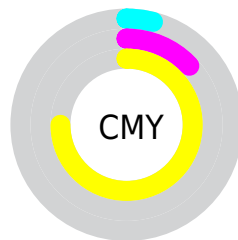


Cyan (0%)

Magenta (10%)

Yellow (74%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.0500, 65.3430, -44.3610 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 211.0500, 65.3430, -44.3610 by changing the saturation by 10% instead.

211.0500, 65.3430,
-44.3610

211.0500, 65.3430,
-44.3610

255.0000, -0.0000,
-0.0000

181.5400, 66.7190,
-47.2730

239.7240, 43.0140,
-41.6740

153.6430, 64.9310,
-47.9090

243.0300, 33.7050,
-32.6550

129.4110, 54.2010,
-40.6710

246.3360, 24.3960,
-23.6360

106.0650, 43.7920,
-33.7440

249.6420, 15.0870,
-14.6170

83.6050, 33.7040,
-27.1280

252.9480, 5.7780,
-5.5980

61.4440, 24.2120,
-20.3000

40.7560, 14.7660,

-14.3060

■ 21.5410, 5.3660,
-9.1460

■ 0.0000, 0.0000,
0.0000

■ 211.0500, 65.3430,
-44.3610

■ 211.0500, 65.3430,
-44.3610

■ 206.5530, 73.8720,
-50.2560

■ 215.6610, 56.4930,
-38.1550

■ 201.9420, 82.7220,
-56.4620

■ 220.1580, 47.9640,
-32.2600

■ 199.1720, 87.7660,
-59.7700

■ 225.3560, 38.8390,
-26.5770

■ 229.8530, 30.3100,
-20.6820

■ 234.4640, 21.4600,
-14.4760

■ 239.0750, 12.6100,
-8.2700

■ 244.1590, 3.8060,
-2.8980

■ 248.2000, -3.4390,
1.7530

■ 249.9610, -4.2640,
0.1840

Harmonies

Analogous

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



200.9870, 70.7950, -22.0130



211.0500, 65.3430, -44.3610



203.2410, 4.2290, -60.1470

Triad

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



211.0500, 65.3430, -44.3610



178.1680, -151.7050, -53.5370



202.7570, 24.4750, 46.5470

Complementary

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



211.0500, 65.3430, -44.3610



97.9500, -65.3430, 44.3610

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.



216.7790, 9.0730, 28.3130



211.0500, 65.3430, -44.3610



172.2980, -148.9550, -48.3070

Square

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



211.0500, 65.3430, -44.3610



176.3610, -145.2390, -60.5910



188.3650, -88.0270, -18.1310



190.4690, 42.5410, 38.5170

Rectangle

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



211.0500, 65.3430, -44.3610



191.5670, -52.5310, -66.7310



188.3650, -88.0270, -18.1310



208.0400, 22.0000, 41.8400

Sweetspot

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



211.0500, 65.3430, -44.3610



244.5070, 19.9010, -13.7550



120.4530, 101.3640, 46.2600



121.1890, 12.2890, -7.9590



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.



211.0500, 65.3430, -44.3610



211.5120, 81.1170, -54.9070



205.1050, 18.8110, -71.1170



120.0450, 4.1270, -3.2090



150.7080, 66.3060, -45.2940



47.5780, 21.1390, -14.1650

Inverse Universe

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



97.9500, -65.3430, 44.3610



71.4880, -81.1170, 54.9070



103.8950, -18.8110, 71.1170



112.5420, -4.4020, 2.6860



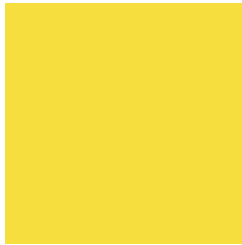
35.2920, -66.3060, 45.2940



11.4220, -21.1390, 14.1650

Previews

White Background



This preview shows how the YIQ color 211.0500, 65.3430, -44.3610 looks on a white background.

Color Contrast Check

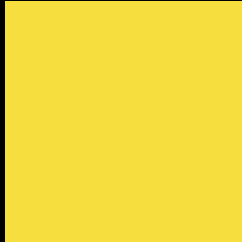
Large Text (above 18pt) WCAG AA × Fail

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 211.0500, 65.3430, -44.3610 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 211.0500, 65.3430, -44.3610

Background



This preview shows how black text looks on a background with the YIQ color 211.0500, 65.3430, -44.3610.



This preview shows how white text looks on a background with the YIQ color 211.0500, 65.3430,

-44.3610.

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

211.0500, 65.3430, -44.3610

Protanopia

211.0610, 66.8100, -43.4140

Deuteranopia

220.2340, 42.7790, -9.8690



Tritanopia

224.3500, 22.9220, 14.1060

Trichromacy



Original Color

211.0500, 65.3430, -44.3610

Protanomaly

210.7620, 66.2140, -43.6260

Deuteranomaly

217.2220, 51.0800, -22.6480

Tritanomaly

219.7760, 38.3770, -7.1830

Monochromacy



Original Color

211.0500, 65.3430, -44.3610

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0790, 23.9820, -16.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0500, 65.3430, -44.3610 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, 222, 63)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 63)  
}
```

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, 222, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 63) }
```

Border

The CSS property to change the border of an element to YIQ 211.0500, 65.3430, -44.3610 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, 222, 63) }
```


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

```
.border{ border-color:rgb(246, 222, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 222, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 63);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0500, 65.3430, -44.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 63) }
```

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

```
.background{ background-color: rgb(246,  
222, 63) }
```

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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