

Converting Colors

YIQ(211.2560, 61.7670,
-45.6330)

Have a look what the booklet for
YIQ(211.2560, 61.7670, -45.6330)
contains.

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Color

**YIQ(211.2560, 61.7670,
-45.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E041
RGB	242, 224, 65
RGB Percent	95%, 88%, 25%
CMY	0.0510, 0.1216, 0.7447
CMYK	0.00, 0.07, 0.73, 0.05
HSL	54°, 87%, 60%
HSV	54°, 73%, 95%
XYZ	64.2234, 72.5645, 15.6367
YIQ	211.2560, 61.7670, -45.6330

Conversions

Conversions Part 2

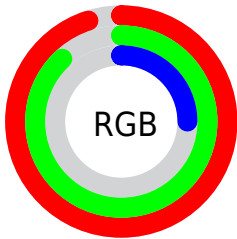
Format	Color
R_{YB}	85, 242, 65
Decimal	15917121
CIE _{Lab}	88.24, -10.55, 74.99
CIE _{LCh}	88, 75.727, 98.011
Yxy	72.5645, 0.4213, 0.4761
Android (android.graphics.Color)	4294107201 (0xFF2E041)
YUV	211.2560, -72.1042, 26.9625
Hunter-Lab	85.1848, -14.4968, 48.7459

Details

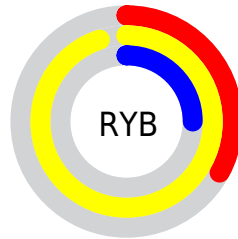
The YIQ color **211.2560, 61.7670, -45.6330** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **95.7440, -61.7670, 45.6330**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.9520, 42.3720, -41.0520**, and **153.6210, 61.9970, -49.8030** is the 20% darker color. If you saturate the color by 10%, you get **207.3460, 70.0210, -52.0510**, and if you desaturate by 10%, it is **215.1660, 53.5130, -39.2150**.

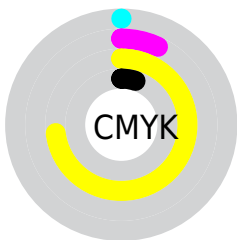
Distribution



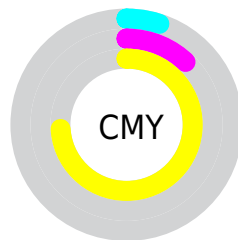
- Red (95%)
- Green (88%)
- Blue (25%)



- Red (33%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (7%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.2560, 61.7670, -45.6330 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 211.2560, 61.7670, -45.6330 by changing the saturation by 10% instead.

211.2560, 61.7670,
-45.6330

211.2560, 61.7670,
-45.6330

255.0000, -0.0000,
-0.0000

181.8600, 62.8220,
-48.2340

239.9520, 42.3720,
-41.0520

153.6210, 61.9970,
-49.8030

243.2580, 33.0630,
-32.0330

129.6880, 51.8630,
-42.3530

246.4500, 24.0750,
-23.3250

106.3420, 41.4540,
-35.4260

249.7560, 14.7660,
-14.3060

83.2950, 31.6410,
-28.2870

253.1760, 5.1360,
-4.9760

61.7210, 21.8740,
-21.9820

41.0330, 12.4280,

-15.9880

■ 20.9320, 2.7070,
-10.5170

■ 0.0000, 0.0000,
0.0000

■ 211.2560, 61.7670,
-45.6330

■ 211.2560, 61.7670,
-45.6330

■ 207.3460, 70.0210,
-52.0510

■ 215.1660, 53.5130,
-39.2150

■ 202.8490, 78.5500,
-57.9460

■ 219.6630, 44.9840,
-33.3200

■ 199.7370, 84.5570,
-62.1870

■ 223.6870, 36.4090,
-26.5910

■ 228.1840, 27.8800,
-20.6960

■ 232.0940, 19.6260,
-14.2780

■ 236.5910, 11.0970,
-8.3830

■ 240.5010, 2.8430,
-1.9650

■ 244.6560, -4.7230,
2.9970

■ 245.8300, -5.2730,
1.9510

Harmonies

Analogous

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



201.9330, 70.8870, -23.6810



211.2560, 61.7670, -45.6330



202.7890, -0.3100, -60.4860

Triad

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



211.2560, 61.7670, -45.6330



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.



211.2560, 61.7670, -45.6330



95.7440, -61.7670, 45.6330

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.



217.6980, 13.7950, 30.8430



211.2560, 61.7670, -45.6330



171.7110, -148.6800, -47.7840

Square

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



211.2560, 61.7670, -45.6330



176.9310, -146.8440, -59.0360



193.1600, -77.0240, -13.7920



190.6000, 43.5500, 36.7500

Rectangle

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



211.2560, 61.7670, -45.6330



190.3320, -59.1790, -67.3950



193.1600, -77.0240, -13.7920



207.4530, 22.2750, 42.3630

Sweetspot

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



211.2560, 61.7670, -45.6330



245.0940, 19.6260, -14.2780



120.3170, 98.7510, 44.0550



121.7760, 12.0140, -8.4820



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.



211.2560, 61.7670, -45.6330



215.9630, 78.2290, -57.6350



201.4900, 16.2890, -69.4630



118.0450, 4.1270, -3.2090



151.8710, 64.2890, -47.2870



46.0940, 19.6260, -14.2780

Inverse Universe

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



95.7440, -61.7670, 45.6330



69.4500, -77.9540, 58.1580



105.5100, -16.2890, 69.4630



109.9550, -4.1270, 3.2090



32.1290, -64.2890, 47.2870



9.9060, -19.6260, 14.2780

Previews

White Background



This preview shows how the YIQ color 211.2560, 61.7670, -45.6330 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 211.2560, 61.7670, -45.6330 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 211.2560, 61.7670, -45.6330

Background



This preview shows how black text looks on a background with the YIQ color 211.2560, 61.7670, -45.6330.



This preview shows how white text looks on a background with the YIQ color 211.2560, 61.7670, -45.6330.

-45.6330.

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

211.2560, 61.7670, -45.6330

Protanopia

211.8760, 65.8930, -43.3150

Deuteranopia

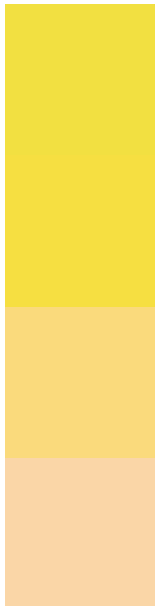
220.4620, 42.1370, -9.2470



Tritanopia

224.5780, 22.2800, 14.7280

Trichromacy



Original Color

211.2560, 61.7670, -45.6330

Protanomaly

211.8650, 64.4260, -44.2620

Deuteranomaly

216.8520, 49.2460, -22.4500

Tritanomaly

219.4060, 36.5430, -6.9850

Monochromacy



Original Color

211.2560, 61.7670, -45.6330

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.1820, 22.1940, -16.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.2560, 61.7670, -45.6330 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(242, 224, 65)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 65)  
}
```

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(242, 224, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 65) }
```

Border

The CSS property to change the border of an element to YIQ 211.2560, 61.7670, -45.6330 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(242, 224, 65) }
```


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

```
.border{ border-color:rgb(242, 224, 65) }
```

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

Here you see how a box with a 4 pixel rgb(242, 224, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 65);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 211.2560, 61.7670, -45.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 65) }
```

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

```
.background{ background-color: rgb(242,  
224, 65) }
```

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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