

Converting Colors

YIQ(217.3130, 56.4520,
-64.9560)

Have a look what the booklet for
YIQ(217.3130, 56.4520, -64.9560)
contains.

YIQ(217.3130, 56.4520, -64.9560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(217.3130, 56.4520,
-64.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F42C
RGB	231, 244, 44
RGB Percent	91%, 96%, 17%
CMY	0.0943, 0.0431, 0.8270
CMYK	0.05, 0.00, 0.82, 0.04
HSL	64°, 90%, 56%
HSV	64°, 82%, 96%
XYZ	65.7508, 81.8692, 14.7293
YIQ	217.3130, 56.4520, -64.9560

Conversions

Conversions Part 2

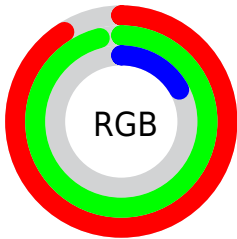
Format	Color
RYB	44, 244, 57
Decimal	15201324
CIELab	92.52, -25.54, 84.43
CIElCh	93, 88.208, 106.831
Yxy	81.8692, 0.4050, 0.5043
Android (android.graphics.Color)	4293391404 (0xFFE7F42C)
YUV	217.3130, -85.4433, 12.0035
Hunter-Lab	90.4816, -28.6312, 53.6854

Details

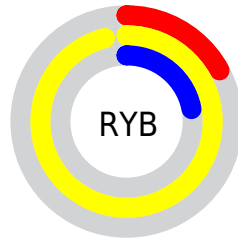
The YIQ color **217.3130, 56.4520, -64.9560** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **70.6870, -56.4520, 64.9560**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.4700, 46.5450, -45.0950**, and **161.4850, 50.2160, -62.0720** is the 20% darker color. If you saturate the color by 10%, you get **213.9790, 62.9640, -72.8440**, and if you desaturate by 10%, it is **220.7610, 49.6190, -56.7570**.

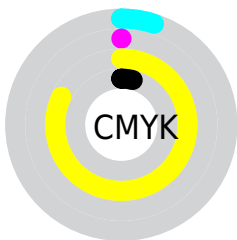
Distribution



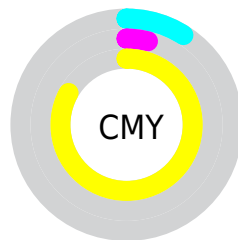
- Red (91%)
- Green (96%)
- Blue (17%)



- Red (17%)
- Yellow (96%)
- Blue (22%)



- Cyan (5%)
- Magenta (0%)
- Yellow (82%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3130, 56.4520, -64.9560 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 217.3130, 56.4520, -64.9560 by changing the saturation by 10% instead.

217.3130, 56.4520,
-64.9560

217.3130, 56.4520,
-64.9560

255.0000, -0.0000,
-0.0000

186.8910, 60.3960,
-70.3560

238.4700, 46.5450,
-45.0950

161.4850, 50.2160,
-62.0720

241.8900, 36.9150,
-35.7650

136.9650, 40.3570,
-54.0990

245.1960, 27.6060,
-26.7460

113.0320, 30.2230,
-46.6490

248.6160, 17.9760,
-17.4160

89.6860, 19.8140,
-39.7220

252.0360, 8.3460,
-8.0860

66.6390, 10.0010,
-32.5830

45.0650, 0.2340,

-26.2780

■ 23.4800, -11.0000,
-20.9200

■ 9.3920, -4.4000,
-8.3680

■ 217.3130, 56.4520,
-64.9560

■ 217.3130, 56.4520,
-64.9560

■ 213.9790, 62.9640,
-72.8440

■ 220.7610, 49.6190,
-56.7570

■ 211.4000, 68.7880,
-79.2760

■ 223.7960, 42.5110,
-49.0810

■ 227.1300, 35.9990,
-41.1930

■ 230.2790, 28.5700,
-33.2060

■ 233.6130, 22.0580,
-25.3180

■ 237.0610, 15.2250,
-17.1190

■ 240.0960, 8.1170,
-9.4430

■ 243.4300, 1.6050,
-1.5550

■ 245.5530, -2.9350,
3.6330

Harmonies

Analogous

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



208.7370, 76.5300, -43.3580



217.3130, 56.4520, -64.9560



200.6820, -28.2300, -72.1180

Triad

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



217.3130, 56.4520, -64.9560



178.7550, -151.9800, -54.0600



197.4740, 26.9500, 51.2540

Complementary

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



217.3130, 56.4520, -64.9560



70.6870, -56.4520, 64.9560

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.



216.2580, 18.1500, 34.5180



217.3130, 56.4520, -64.9560



178.1680, -151.7050, -53.5370

Square

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



217.3130, 56.4520, -64.9560



178.7550, -151.9800, -54.0600



209.5610, -50.1120, -5.9200



187.6020, 49.2360, 32.8200

Rectangle

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



217.3130, 56.4520, -64.9560



168.2670, -122.4480, -82.6720



209.5610, -50.1120, -5.9200



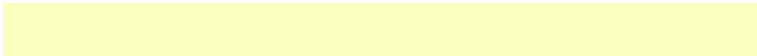
202.7570, 24.4750, 46.5470

Sweetspot

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



217.3130, 56.4520, -64.9560



246.5080, 18.1600, -20.7520



109.6700, 116.4500, 37.1700



122.6570, 10.7310, -12.7650



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.



217.3130, 56.4520, -64.9560



221.7160, 70.7140, -81.1420



188.3100, -1.3600, -85.5200



120.6320, 3.8520, -3.7320



161.2080, 52.5540, -60.3900



51.0780, 16.5550, -19.1970

Inverse Universe

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



70.6870, -56.4520, 64.9560



38.2840, -70.7140, 81.1420



99.6900, 1.3600, 85.5200



111.6670, -3.2560, 3.9440



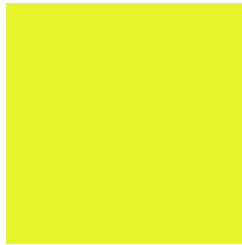
24.7920, -52.5540, 60.3900



7.9220, -16.5550, 19.1970

Previews

White Background



This preview shows how the YIQ color 217.3130, 56.4520, -64.9560 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 217.3130, 56.4520, -64.9560 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 217.3130, 56.4520, -64.9560

Background



This preview shows how black text looks on a background with the YIQ color 217.3130, 56.4520, -64.9560.



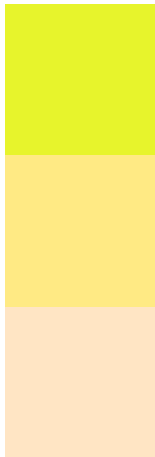
This preview shows how white text looks on a background with the YIQ color 217.3130, 56.4520, -64.9560.

-64.9560.

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

217.3130, 56.4520, -64.9560

Protanopia

228.6510, 45.2580, -27.2700

Deuteranopia

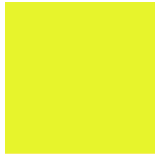
233.0120, 26.0890, -4.7510



Tritanopia

235.3310, 6.7380, 10.0500

Trichromacy



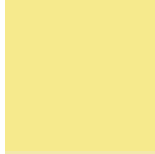
Original Color

217.3130, 56.4520, -64.9560



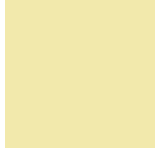
Protanomaly

224.6600, 49.0660, -41.2220



Deuteranomaly

226.9860, 37.0050, -26.3790



Tritanomaly

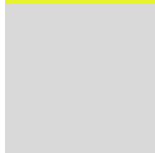
228.7370, 24.9450, -17.0630

Monochromacy



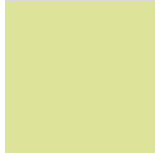
Original Color

217.3130, 56.4520, -64.9560



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

217.1830, 20.4530, -23.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3130, 56.4520, -64.9560 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(231, 244, 44)` looks like.

```
.text, #text, p{  
    color:rgb(231, 244, 44)  
}
```

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(231, 244, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 44) }
```

Border

The CSS property to change the border of an element to YIQ 217.3130, 56.4520, -64.9560 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(231, 244, 44) }
```


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

```
.border{ border-color:rgb(231, 244, 44) }
```

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

Here you see how a box with a 4 pixel rgb(231, 244, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 244, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 244, 44);  
box-shadow:4px 4px 4px 4px rgb(231, 244,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 217.3130, 56.4520, -64.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 244, 44) }
```

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

```
.background{ background-color: rgb(231,  
244, 44) }
```

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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