

Converting Colors

YIQ(217.0850, 41.0400,
-27.9200)

Have a look what the booklet for
YIQ(217.0850, 41.0400, -27.9200)
contains.

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Color

**YIQ(217.0850, 41.0400,
-27.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE07C
RGB	239, 224, 124
RGB Percent	94%, 88%, 49%
CMY	0.0628, 0.1216, 0.5135
CMYK	0.00, 0.06, 0.48, 0.06
HSL	52°, 78%, 71%
HSV	52°, 48%, 94%
XYZ	65.8902, 73.1141, 29.7288
YIQ	217.0850, 41.0400, -27.9200

Conversions

Conversions Part 2

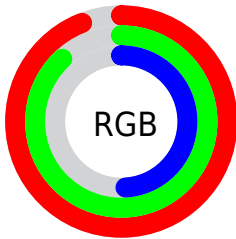
Format	Color
RYB	141, 239, 124
Decimal	15720572
CIELab	88.50, -7.92, 50.43
CIELCh	89, 51.046, 98.928
Yxy	73.1141, 0.3905, 0.4333
Android (android.graphics.Color)	4293910652 (0xFFEFE07C)
YUV	217.0850, -45.8909, 19.2195
Hunter-Lab	85.5068, -12.0876, 39.2410

Details

The YIQ color **217.0850, 41.0400, -27.9200** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **145.9150, -41.0400, 27.9200**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2220, 24.7170, -23.9470**, and **161.5300, 38.2890, -27.6230** is the 20% darker color. If you saturate the color by 10%, you get **212.5880, 49.5690, -33.8150**, and if you desaturate by 10%, it is **221.5820, 32.5110, -22.0250**.

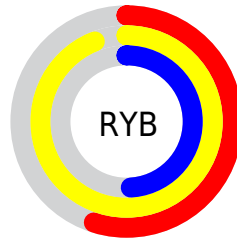
Distribution



Red (94%)

Green (88%)

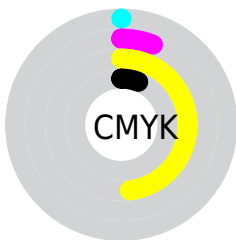
Blue (49%)



Red (55%)

Yellow (94%)

Blue (49%)

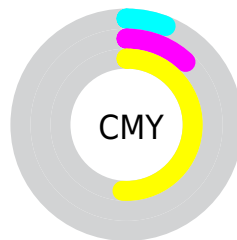


Cyan (0%)

Magenta (6%)

Yellow (48%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0850, 41.0400, -27.9200 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 217.0850, 41.0400, -27.9200 by changing the saturation by 10% instead.

217.0850, 41.0400,
-27.9200

217.0850, 41.0400,
-27.9200

255.0000, -0.0000,
-0.0000

189.0140, 39.8020,
-27.5100

246.2220, 24.7170,
-23.9470

161.5300, 38.2890,
-27.6230

249.5280, 15.4080,
-14.9280

134.9320, 37.0970,
-28.0470

252.7200, 6.4200,
-6.2200

107.9920, 36.8680,
-29.4040

83.8930, 32.8330,
-27.8630

62.3300, 24.5330,
-20.6110

41.6420, 15.0870,

-14.6170

■ 22.4270, 5.6870,
-9.4570

■ 0.0000, 0.0000,
0.0000

■ 217.0850, 41.0400,
-27.9200

■ 217.0850, 41.0400,
-27.9200

■ 212.5880, 49.5690,
-33.8150

■ 221.5820, 32.5110,
-22.0250

■ 208.0910, 58.0980,
-39.7100

■ 226.0790, 23.9820,
-16.1300

■ 203.5940, 66.6270,
-45.6050

■ 230.5760, 15.4530,
-10.2350

■ 199.0970, 75.1560,
-51.5000

■ 235.0730, 6.9240,
-4.3400

■ 194.1270, 83.6390,
-56.5610

■ 240.1570, -1.8800,
1.0320

■ 193.5570, 85.2440,
-58.1160

■ 243.1720, -6.2360,
2.8840

■ 244.9330, -7.0610,
1.3150

■ 246.6940, -7.8860,
-0.2540

■ 248.4550, -8.7110,
-1.8230

Harmonies

Analogous

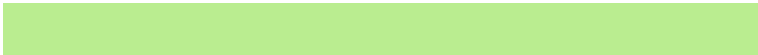
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.8020, 52.6830, -13.1490



217.0850, 41.0400, -27.9200



211.1490, -0.5430, -39.7350

Triad

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



217.0850, 41.0400, -27.9200



172.8850, -149.2300, -48.8300



215.6710, 18.4250, 35.0410

Complementary

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



217.0850, 41.0400, -27.9200



145.9150, -41.0400, 27.9200

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.



222.3720, 8.6610, 24.7650



217.0850, 41.0400, -27.9200



189.1190, -105.3100, -29.8060

Square

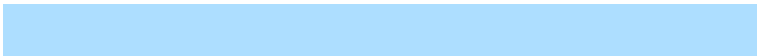
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.0850, 41.0400, -27.9200



173.9750, -140.9760, -55.2480



211.1110, -39.7970, -0.1250



207.4920, 34.5660, 23.3500

Rectangle

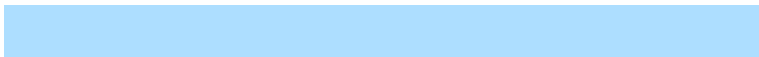
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.0850, 41.0400, -27.9200



205.6750, -34.3790, -43.2670



211.1110, -39.7970, -0.1250



218.6060, 17.0500, 32.4260

Sweetspot

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



217.0850, 41.0400, -27.9200



247.9610, 12.9310, -8.5810



160.0950, 63.7250, 29.0450



123.7310, 7.8870, -5.2730



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.



217.0850, 41.0400, -27.9200



226.9750, 52.7330, -36.0910



213.3320, 11.8830, -44.6690



117.4580, 4.4020, -2.6860



148.9360, 65.6640, -44.6720



45.5070, 19.9010, -13.7550

Inverse Universe

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



145.9150, -41.0400, 27.9200



135.0250, -52.7330, 36.0910



149.6680, -11.8830, 44.6690



109.9550, -4.1270, 3.2090



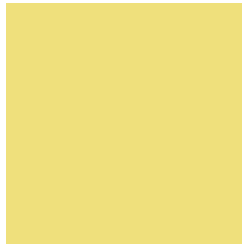
35.0640, -65.6640, 44.6720



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 217.0850, 41.0400, -27.9200 looks on a white background.

Color Contrast Check

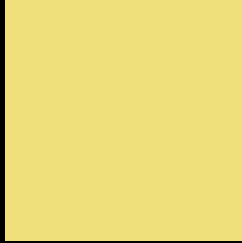
Large Text (above 18pt) WCAG AA × Fail

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 217.0850, 41.0400, -27.9200 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 217.0850, 41.0400, -27.9200

Background



This preview shows how black text looks on a background with the YIQ color 217.0850, 41.0400, -27.9200.



This preview shows how white text looks on a background with the YIQ color 217.0850, 41.0400, -27.9200.

-27.9200.

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

217.0850, 41.0400, -27.9200

Protanopia

217.2920, 44.8910, -26.1250

Deuteranopia

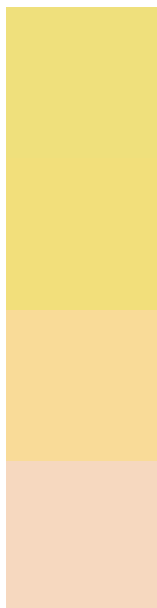
222.1890, 38.6520, -6.6600



Tritanopia

225.3000, 17.1910, 13.3430

Trichromacy



Original Color

217.0850, 41.0400, -27.9200

Protanomaly

217.2810, 43.4240, -27.0720

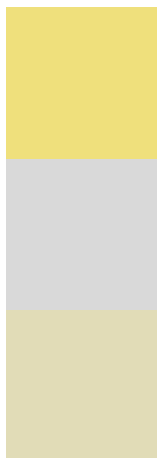
Deuteranomaly

220.3320, 39.3870, -14.4770

Tritanomaly

222.1200, 25.9050, -1.4150

Monochromacy



Original Color

217.0850, 41.0400, -27.9200

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.2770, 14.8570, -10.4470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0850, 41.0400, -27.9200 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(239, 224, 124)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 124)  
}
```

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(239, 224, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 124) }
```

Border

The CSS property to change the border of an element to YIQ 217.0850, 41.0400, -27.9200 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(239, 224, 124) }
```


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

```
.border{ border-color:rgb(239, 224, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 224, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 124);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0850, 41.0400, -27.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 124) }
```

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

```
.background{ background-color: rgb(239,  
224, 124) }
```

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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