

Converting Colors

YIQ(214.4750, 48.1490,
-41.1230)

Have a look what the booklet for
YIQ(214.4750, 48.1490, -41.1230)
contains.

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Color

**YIQ(214.4750, 48.1490,
-41.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE45B
RGB	235, 228, 91
RGB Percent	92%, 89%, 36%
CMY	0.0785, 0.1059, 0.6428
CMYK	0.00, 0.03, 0.61, 0.08
HSL	57°, 78%, 64%
HSV	57°, 61%, 92%
XYZ	63.8893, 73.9008, 20.8116
YIQ	214.4750, 48.1490, -41.1230

Conversions

Conversions Part 2

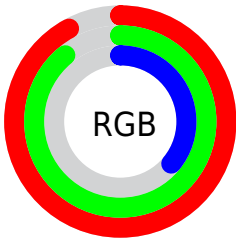
Format	Color
R _Y B	98, 235, 91
Decimal	15459419
CIE Lab	88.88, -14.06, 65.61
CIE LCh	89, 67.102, 102.093
Yxy	73.9008, 0.4028, 0.4660
Android (android.graphics.Color)	4293649499 (0xFFEBE45B)
YUV	214.4750, -60.8732, 18.0004
Hunter-Lab	85.9656, -17.7793, 45.8222

Details

The YIQ color **214.4750, 48.1490, -41.1230** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **111.5250, -48.1490, 41.1230**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.5740, 34.9890, -33.8990**, and **157.8230, 47.0490, -43.2150** is the 20% darker color. If you saturate the color by 10%, you get **211.2660, 55.8070, -47.7530**, and if you desaturate by 10%, it is **217.7980, 40.1700, -34.1820**.

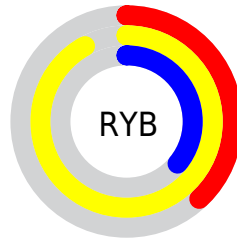
Distribution



Red (92%)

Green (89%)

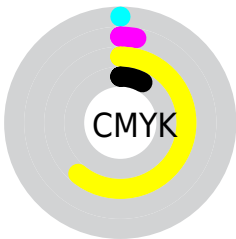
Blue (36%)



Red (38%)

Yellow (92%)

Blue (36%)

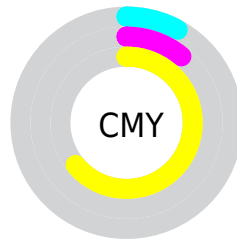


Cyan (0%)

Magenta (3%)

Yellow (61%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4750, 48.1490, -41.1230 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 214.4750, 48.1490, -41.1230 by changing the saturation by 10% instead.

214.4750, 48.1490,
-41.1230

214.4750, 48.1490,
-41.1230

255.0000, -0.0000,
-0.0000

185.8770, 46.9570,
-41.5470

242.5740, 34.9890,
-33.8990

157.8230, 47.0490,
-43.2150

245.7660, 26.0010,
-25.1910

129.9540, 48.0580,
-44.9820

249.0720, 16.6920,
-16.1720

106.6080, 37.6490,
-38.0550

252.3780, 7.3830,
-7.1530

83.8600, 28.4320,
-30.7040

62.2860, 18.6650,
-24.3990

41.0110, 9.4940,

-17.8820

■ 21.4970, -0.5020,
-12.9340

■ 0.0000, 0.0000,
0.0000

■ 214.4750, 48.1490,
-41.1230

■ 214.4750, 48.1490,
-41.1230

■ 211.2660, 55.8070,
-47.7530

■ 217.7980, 40.1700,
-34.1820

■ 207.9430, 63.7860,
-54.6940

■ 221.0070, 32.5120,
-27.5520

■ 204.7340, 71.4440,
-61.3240

■ 224.3300, 24.5330,
-20.6110

■ 201.7530, 78.4600,
-67.3320

■ 228.1260, 16.6000,
-14.5040

■ 231.4490, 8.6210,
-7.5630

■ 234.6580, 0.9630,
-0.9330

■ 237.8670, -6.6950,
5.6970

■ 238.4540, -6.9700,
5.1740

■ 239.0410, -7.2450,
4.6510

Harmonies

Analogous

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



208.4530, 63.5510, -22.8890



214.4750, 48.1490, -41.1230



206.4000, -9.1600, -54.2800

Triad

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



214.4750, 48.1490, -41.1230



176.9940, -151.1550, -52.4910



207.4530, 22.2750, 42.3630

Complementary

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



214.4750, 48.1490, -41.1230



111.5250, -48.1490, 41.1230

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.



220.3670, 16.2250, 30.8570



214.4750, 48.1490, -41.1230



170.5370, -148.1300, -46.7380

Square

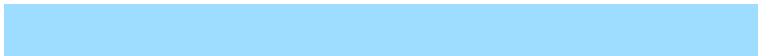
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.4750, 48.1490, -41.1230



177.9570, -149.7330, -56.2370



206.0390, -48.4620, -2.7820



197.6610, 41.5800, 28.3960

Rectangle

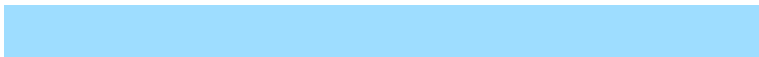
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.4750, 48.1490, -41.1230



195.3030, -60.2350, -59.2670



206.0390, -48.4620, -2.7820



210.9750, 20.6250, 39.2250

Sweetspot

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



214.4750, 48.1490, -41.1230



248.5820, 15.3160, -13.2600



134.8540, 83.5770, 32.7050



123.5200, 9.8590, -7.9730



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.



214.4750, 48.1490, -41.1230



228.5130, 62.1810, -53.1390



199.1490, 7.4840, -58.5640



115.7460, 3.5310, -3.4210



155.0830, 60.5760, -51.5840



46.0830, 18.1590, -15.2250

Inverse Universe

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



111.5250, -48.1490, 41.1230



95.4870, -62.1810, 53.1390



126.8510, -7.4840, 58.5640



107.2540, -3.5310, 3.4210



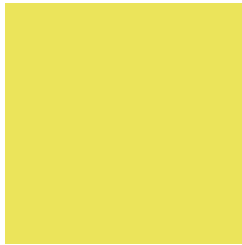
25.9170, -60.5760, 51.5840



7.9170, -18.1590, 15.2250

Previews

White Background



This preview shows how the YIQ color 214.4750, 48.1490, -41.1230 looks on a white background.

Color Contrast Check

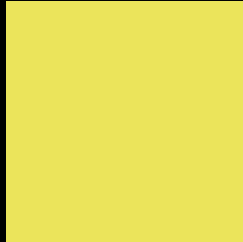
Large Text (above 18pt) WCAG AA × Fail

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 214.4750, 48.1490, -41.1230 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 214.4750, 48.1490, -41.1230

Background



This preview shows how black text looks on a background with the YIQ color 214.4750, 48.1490, -41.1230.



This preview shows how white text looks on a background with the YIQ color 214.4750, 48.1490,

-41.1230.

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

214.4750, 48.1490, -41.1230

Protanopia

215.6120, 58.1890, -35.8510

Deuteranopia

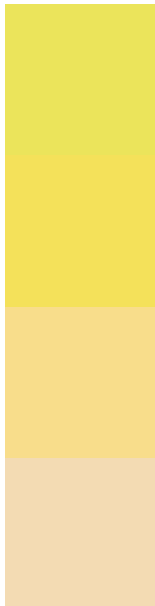
222.5480, 39.0190, -7.8050



Tritanopia

225.9900, 15.1280, 12.1840

Trichromacy



Original Color

214.4750, 48.1490, -41.1230

Protanomaly

215.2910, 54.6590, -37.9570

Deuteranomaly

219.7250, 42.4140, -19.7780

Tritanomaly

221.6160, 27.1440, -7.3520

Monochromacy



Original Color

214.4750, 48.1490, -41.1230

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1970, 17.8380, -14.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4750, 48.1490, -41.1230 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(235, 228, 91)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 91)  
}
```

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(235, 228, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 91) }
```

Border

The CSS property to change the border of an element to YIQ 214.4750, 48.1490, -41.1230 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(235, 228, 91) }
```


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

```
.border{ border-color:rgb(235, 228, 91) }
```

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

Here you see how a box with a 4 pixel rgb(235, 228, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 91);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4750, 48.1490, -41.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 91) }
```

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

```
.background{ background-color: rgb(235,  
228, 91) }
```

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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