

Converting Colors

YIQ(215.6460, 51.6810,
-50.0710)

Have a look what the booklet for
YIQ(215.6460, 51.6810, -50.0710)
contains.

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Color

**YIQ(215.6460, 51.6810,
-50.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEA49
RGB	234, 234, 73
RGB Percent	92%, 92%, 29%
CMY	0.0825, 0.0823, 0.7134
CMYK	0.00, 0.00, 0.69, 0.08
HSL	60°, 79%, 60%
HSV	60°, 69%, 92%
XYZ	64.5514, 76.8156, 17.7426
YIQ	215.6460, 51.6810, -50.0710

Conversions

Conversions Part 2

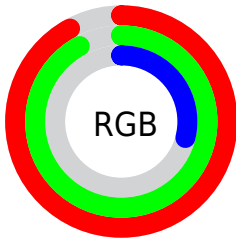
Format	Color
RYB	73, 234, 73
Decimal	15395401
CIELab	90.24, -18.42, 73.93
CIELCh	90, 76.186, 103.989
Yxy	76.8156, 0.4057, 0.4828
Android (android.graphics.Color)	4293585481 (0xFFEAEA49)
YUV	215.6460, -70.3245, 16.0965
Hunter-Lab	87.6445, -21.9103, 49.3486

Details

The YIQ color **215.6460, 51.6810, -50.0710** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **91.3540, -51.6810, 50.0710**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8640, 39.8040, -38.5640**, and **157.3980, 55.0750, -56.5170** is the 20% darker color. If you saturate the color by 10%, you get **213.0240, 59.0640, -57.2240**, and if you desaturate by 10%, it is **218.2680, 44.2980, -42.9180**.

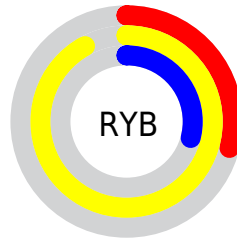
Distribution



Red (92%)

Green (92%)

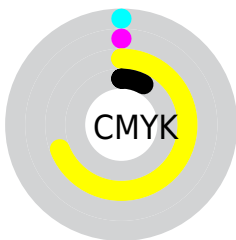
Blue (29%)



Red (29%)

Yellow (92%)

Blue (29%)

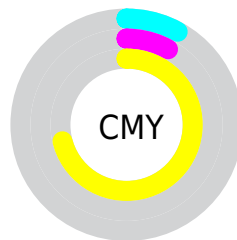


Cyan (0%)

Magenta (0%)

Yellow (69%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.6460, 51.6810, -50.0710 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 215.6460, 51.6810, -50.0710 by changing the saturation by 10% instead.

■ 215.6460, 51.6810,
-50.0710

■ 215.6460, 51.6810,
-50.0710

■ 255.0000, -0.0000,
-0.0000

■ 186.5920, 51.7730,
-51.7390

■ 240.8640, 39.8040,
-38.5640

■ 157.3980, 55.0750,
-56.5170

■ 244.0560, 30.8160,
-29.8560

■ 132.8780, 45.2160,
-48.5440

■ 247.3620, 21.5070,
-20.8370

■ 108.9450, 35.0820,
-41.0940

■ 250.6680, 12.1980,
-11.8180

■ 86.1970, 25.8650,
-33.7430

■ 254.0880, 2.5680,
-2.4880

■ 63.7370, 15.7770,
-27.1270

■ 43.0490, 6.3310,

-21.1330

■ 22.3500, -4.5820,
-16.0860

■ 1.1740, -0.5500,
-1.0460

■ 215.6460, 51.6810,
-50.0710

■ 215.6460, 51.6810,
-50.0710

■ 213.0240, 59.0640,
-57.2240

■ 218.2680, 44.2980,
-42.9180

■ 210.2880, 66.7680,
-64.6880

■ 221.0040, 36.5940,
-35.4540

■ 207.6660, 74.1510,
-71.8410

■ 223.6260, 29.2110,
-28.3010

■ 207.3240, 75.1140,
-72.7740

■ 226.3620, 21.5070,
-20.8370

■ 228.9840, 14.1240,
-13.6840

■ 231.6060, 6.7410,
-6.5310

■ 234.3420, -0.9630,
0.9330

■ 236.3940, -6.7410,
6.5310

Harmonies

Analogous

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



208.0480, 68.8250, -30.3670



215.6460, 51.6810, -50.0710



206.0090, -15.6690, -62.9730

Triad

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



215.6460, 51.6810, -50.0710



178.7550, -151.9800, -54.0600



203.3440, 24.2000, 46.0240

Complementary

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



215.6460, 51.6810, -50.0710



91.3540, -51.6810, 50.0710

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.



218.6060, 17.0500, 32.4260



215.6460, 51.6810, -50.0710



173.4720, -149.5050, -49.3530

Square

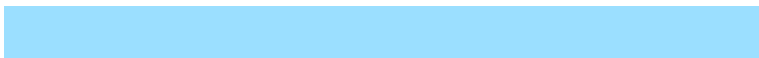
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.6460, 51.6810, -50.0710



178.7550, -151.9800, -54.0600



206.3160, -50.8000, -4.4640



193.0960, 44.7890, 30.8130

Rectangle

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



215.6460, 51.6810, -50.0710



186.1640, -85.1290, -70.6730



206.3160, -50.8000, -4.4640



207.4530, 22.2750, 42.3630

Sweetspot

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



215.6460, 51.6810, -50.0710



248.8440, 17.3340, -16.7940



121.1390, 95.9560, 34.1320



124.0530, 9.6760, -10.1640



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.



215.6460, 51.6810, -50.0710



230.8320, 68.0520, -65.9320



191.7260, 4.0010, -67.0310



115.7460, 3.5310, -3.4210



160.3660, 58.1010, -56.2910



47.8440, 17.3340, -16.7940

Inverse Universe

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



91.3540, -51.6810, 50.0710



67.1680, -68.0520, 65.9320



115.5730, -3.4050, 67.2430



107.2540, -3.5310, 3.4210



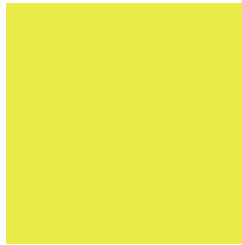
20.6340, -58.1010, 56.2910



6.1560, -17.3340, 16.7940

Previews

White Background



This preview shows how the YIQ color 215.6460, 51.6810, -50.0710 looks on a white background.

Color Contrast Check

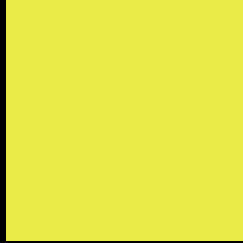
Large Text (above 18pt) WCAG AA × Fail

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 215.6460, 51.6810, -50.0710 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 215.6460, 51.6810, -50.0710

Background



This preview shows how black text looks on a background with the YIQ color 215.6460, 51.6810, -50.0710.



This preview shows how white text looks on a background with the YIQ color 215.6460, 51.6810, -50.0710.

-50.0710.

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

215.6460, 51.6810, -50.0710

Protanopia

217.2890, 66.1680, -42.7920

Deuteranopia

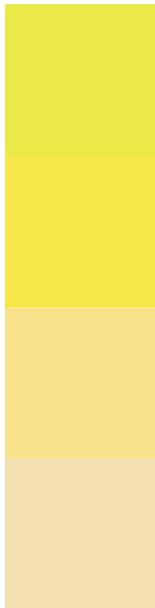
226.7370, 34.1130, -6.9990



Tritanopia

229.6090, 11.8270, 11.4350

Trichromacy



Original Color

215.6460, 51.6810, -50.0710

Protanomaly

217.0710, 60.8500, -45.5340

Deuteranomaly

222.3610, 40.4430, -22.6050

Tritanomaly

224.3230, 26.4110, -10.5890

Monochromacy



Original Color

215.6460, 51.6810, -50.0710

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2740, 18.9390, -18.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.6460, 51.6810, -50.0710 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(234, 234, 73)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 73)  
}
```

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(234, 234, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 73) }
```

Border

The CSS property to change the border of an element to YIQ 215.6460, 51.6810, -50.0710 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(234, 234, 73) }
```


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

```
.border{ border-color:rgb(234, 234, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 73);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 215.6460, 51.6810, -50.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 73) }
```

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

```
.background{ background-color: rgb(234,  
234, 73) }
```

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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