

Converting Colors

YIQ(125.3960, -43.4720,
38.9600)

Have a look what the booklet for
YIQ(125.3960, -43.4720, 38.9600)
contains.

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Color

**YIQ(125.3960, -43.4720,
38.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	6C70F0
RGB	108, 112, 240
RGB Percent	42%, 44%, 94%
CMY	0.5764, 0.5608, 0.0591
CMYK	0.55, 0.53, 0.00, 0.06
HSL	238°, 81%, 68%
HSV	238°, 55%, 94%
XYZ	27.6988, 21.0652, 84.9902
YIQ	125.3960, -43.4720, 38.9600

Conversions

Conversions Part 2

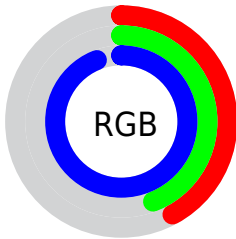
Format	Color
R_{YB}	108, 112, 240
Decimal	7106800
CIE _{Lab}	53.02, 33.99, -65.15
CIE _{LCh}	53, 73.481, 297.555
Yxy	21.0652, 0.2071, 0.1575
Android (android.graphics.Color)	4285296880 (0xFF6C70F0)
YUV	125.3960, 56.4998, -15.2563
Hunter-Lab	45.8969, 27.4054, -77.6634

Details

The YIQ color $125.3960, -43.4720, 38.9600$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $222.6040, 43.4720, -38.9600$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.5700, -26.8270, 29.1490$, and $70.0910, -53.0990, 31.7090$ is the 20% darker color. If you saturate the color by 10%, you get $104.7190, -51.4510, 45.9010$, and if you desaturate by 10%, it is $146.0730, -35.4930, 32.0190$.

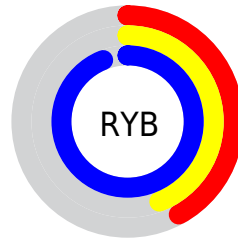
Distribution



Red (42%)

Green (44%)

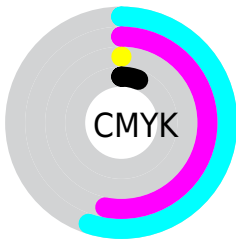
Blue (94%)



Red (42%)

Yellow (44%)

Blue (94%)

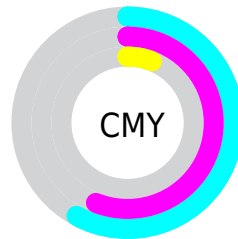


Cyan (55%)

Magenta (53%)

Yellow (0%)

Black (6%)



Cyan (58%)

Magenta (56%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3960, -43.4720, 38.9600 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 125.3960, -43.4720, 38.9600 by changing the saturation by 10% instead.

■ 125.3960,
-43.4720, 38.9600

■ 125.3960,
-43.4720, 38.9600

■ 255.0000, -0.0000,
-0.0000

■ 98.4340, -46.6350,
35.7090

■ 175.5700,
-26.8270, 29.1490

■ 70.0910, -53.0990,
31.7090

■ 200.3890,
-16.3720, 21.3880

■ 42.3240, -61.3050,
26.2390

■ 225.7950, -6.1920,
13.1040

■ 28.2070, -47.7340,
28.0900

■ 250.3040, 2.2000,
4.1840

■ 11.7420, -33.0630,
32.0330

■ 13.0010, -26.9630,
20.5970

■ 9.0910, -18.7090,

14.1790

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 125.3960,
-43.4720, 38.9600

■ 125.3960,
-43.4720, 38.9600

■ 104.7190,
-51.4510, 45.9010

■ 146.0730,
-35.4930, 32.0190

■ 83.4550, -59.1550,
53.3650

■ 167.3370,
-27.7890, 24.5550

■ 62.7780, -67.1340,
60.3060

■ 188.0140,
-19.8100, 17.6140

■ 42.1010, -75.1130,
67.2470

■ 208.6910,
-11.8310, 10.6730

■ 31.4690, -78.9650,
70.9790

■ 229.3680, -3.8520,
3.7320

■ 250.6320, 3.8520,
-3.7320

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

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



108.7880, -118.9340, 7.8660



125.3960, -43.4720, 38.9600



126.6200, 32.7710, 61.4030

Triad

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



125.3960, -43.4720, 38.9600



116.7610, 95.4590, -6.4370



103.9640, -80.5490, -43.5330

Complementary

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



125.3960, -43.4720, 38.9600



222.6040, 43.4720, -38.9600

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.



93.5050, -57.9880, -61.4440



125.3960, -43.4720, 38.9600



118.5570, 60.0220, -30.5220

Square

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



125.3960, -43.4720, 38.9600



113.3830, 98.3850, 39.6730



110.8840, 18.7160, -52.8680



111.3740, -101.4140, -23.3180

Rectangle

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



125.3960, -43.4720, 38.9600



117.3440, 68.8990, 67.4510



110.8840, 18.7160, -52.8680



100.8690, -73.2120, -49.8520

Sweetspot

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



125.3960, -43.4720, 38.9600



219.2610, -13.4360, 12.2280



200.0760, -77.3880, -29.2280



106.4370, -8.3000, 7.2520



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.



125.3960, -43.4720, 38.9600



109.0870, -55.3030, 49.6330



141.5860, -5.4200, 54.1960



109.3680, -3.8520, 3.7320



24.4980, -60.7140, 54.0860



7.5580, -18.5260, 16.3700

Inverse Universe

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



147.9240, 77.3880, 29.2280



137.8020, 98.5230, 37.1710



206.4140, 5.4200, -54.1960



111.5880, 7.1520, 2.5440



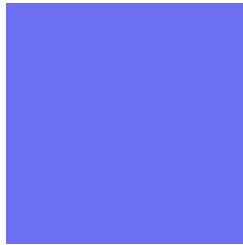
55.7000, 107.7380, 40.8740



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 125.3960, -43.4720, 38.9600 looks on a white background.

Color Contrast Check

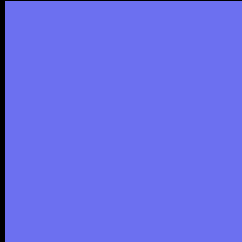
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3960, -43.4720, 38.9600 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.3960, -43.4720, 38.9600

Background



This preview shows how black text looks on a background with the YIQ color 125.3960, -43.4720, 38.9600.



This preview shows how white text looks on a background with the YIQ color 125.3960, -43.4720,

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

125.3960, -43.4720, 38.9600

Protanopia

112.6720, -88.7680, 22.8480

Deuteranopia

101.4870, -108.0210, 2.8190



Tritanopia

118.6020, -40.1620, -10.0340

Trichromacy



Original Color

125.3960, -43.4720, 38.9600

Protanomaly

117.0440, -72.0800, 28.7840

Deuteranomaly

110.1960, -84.7320, 15.7800

Tritanomaly

120.7830, -41.4490, 7.7910

Monochromacy



Original Color

125.3960, -43.4720, 38.9600

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0590, -15.6830, 14.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3960, -43.4720, 38.9600 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(108, 112, 240)` looks like.

```
.text, #text, p{  
    color:rgb(108, 112, 240)  
}
```

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(108, 112, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 112, 240) }
```

Border

The CSS property to change the border of an element to YIQ 125.3960, -43.4720, 38.9600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

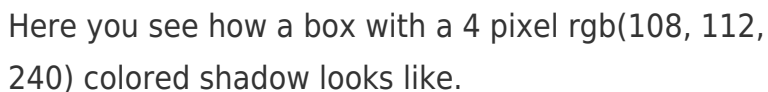
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 112, 240) }
```


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

```
.border{ border-color:rgb(108, 112, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 112, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 112, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 112, 240);  
box-shadow:4px 4px 4px 4px rgb(108, 112,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3960, -43.4720, 38.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 112, 240) }
```

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

```
.background{ background-color: rgb(108,  
112, 240) }
```

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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