

Converting Colors

YIQ(96.5220, -44.0670, 33.2210)

Have a look what the booklet for
YIQ(96.5220, -44.0670, 33.2210)
contains.

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Color

**YIQ(96.5220, -44.0670,
33.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	4B57CA
RGB	75, 87, 202
RGB Percent	29%, 34%, 79%
CMY	0.7058, 0.6588, 0.2081
CMYK	0.63, 0.57, 0.00, 0.21
HSL	234°, 54%, 54%
HSV	234°, 63%, 79%
XYZ	16.9638, 12.5746, 57.3684
YIQ	96.5220, -44.0670, 33.2210

Conversions

Conversions Part 2

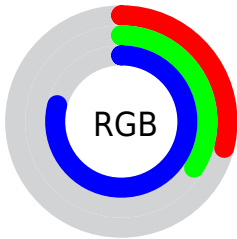
Format	Color
R_{YB}	75, 86, 202
Decimal	4937674
CIE _{Lab}	42.12, 31.02, -61.34
CIE _{LCh}	42, 68.733, 296.825
Yxy	12.5746, 0.1952, 0.1447
Android (android.graphics.Color)	4283127754 (0xFF4B57CA)
YUV	96.5220, 52.0007, -18.8748
Hunter-Lab	35.4607, 23.3352, -71.0969

Details

The YIQ color **96.5220, -44.0670, 33.2210** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **180.4780, 44.0670, -33.2210**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1530, -38.4740, 36.4860**, and **41.4120, -58.7370, 23.7510** is the 20% darker color. If you saturate the color by 10%, you get **79.9760, -51.0370, 38.3950**, and if you desaturate by 10%, it is **113.0680, -37.0970, 28.0470**.

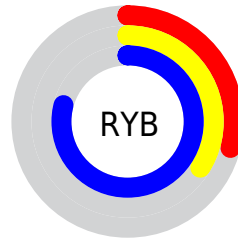
Distribution



Red (29%)

Green (34%)

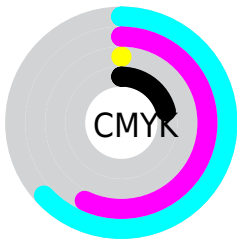
Blue (79%)



Red (29%)

Yellow (34%)

Blue (79%)

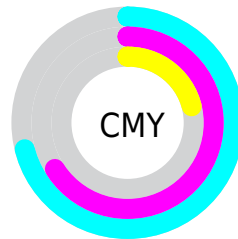


Cyan (63%)

Magenta (57%)

Yellow (0%)

Black (21%)



Cyan (71%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.5220, -44.0670, 33.2210 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 96.5220, -44.0670, 33.2210 by changing the saturation by 10% instead.

■ 96.5220, -44.0670,
33.2210

■ 96.5220, -44.0670,
33.2210

■ 255.0000, -0.0000,
-0.0000

■ 69.0650, -50.2100,
28.9100

■ 150.1530,
-38.4740, 36.4860

■ 41.4120, -58.7370,
23.7510

■ 174.0860,
-28.3400, 29.0360

■ 26.5940, -44.5700,
25.8140

■ 198.9050,
-17.8850, 21.2750

■ 10.8300, -30.4950,
29.5450

■ 224.0120, -8.3010,
12.7790

■ 12.6760, -24.6700,
17.5860

■ 249.7170, 2.4750,
4.7070

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 96.5220, -44.0670,
33.2210

■ 96.5220, -44.0670,
33.2210

■ 79.9760, -51.0370,
38.3950

■ 113.0680,
-37.0970, 28.0470

■ 62.8430, -57.7320,
44.0920

■ 130.2010,
-30.4020, 22.3500

■ 45.9980, -65.2980,
49.0540

■ 147.0460,
-22.8360, 17.3880

■ 34.1810, -70.0670,
52.8850

■ 163.5920,
-15.8660, 12.2140

■ 180.1380, -8.8960,
7.0400

■ 197.2710, -2.2010,
1.3430

■ 213.8170, 4.7690,
-3.8310

■ 230.6620, 12.3350,
-8.7930

■ 247.1970, 17.8380,
-14.9140

Harmonies

Analogous

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



88.3790, -98.6690, 9.5470



96.5220, -44.0670, 33.2210



97.4190, 28.7830, 56.5830

Triad

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



96.5220, -44.0670, 33.2210



90.7350, 81.1530, -0.4710



82.5750, -63.0360, -36.0280

Complementary

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



96.5220, -44.0670, 33.2210



180.4780, 44.0670, -33.2210

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.



73.2730, -42.3550, -52.9070



96.5220, -44.0670, 33.2210



93.7380, 49.5670, -22.7610

Square

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



96.5220, -44.0670, 33.2210



82.4190, 89.5360, 40.3520



86.3860, 11.7910, -43.0010



89.1870, -81.6540, -17.9900

Rectangle

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



96.5220, -44.0670, 33.2210



84.1800, 63.4890, 66.3770



86.3860, 11.7910, -43.0010



79.7080, -56.3410, -41.7250

Sweetspot

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



96.5220, -44.0670, 33.2210



214.8200, -16.5080, 12.8360



162.5450, -71.5190, -30.9670



103.1810, -10.4550, 7.7610



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.



96.5220, -44.0670, 33.2210



96.3400, -66.2610, 49.9870



104.7270, -10.3710, 50.3090



93.7270, -3.4850, 2.5870



28.3160, -57.6860, 43.2580



6.6800, -13.2980, 9.7260

Inverse Universe

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



114.3410, 71.8400, 30.6560



123.1610, 108.0580, 46.0900



172.2730, 10.3710, -50.3090



95.1040, 5.6390, 2.4310



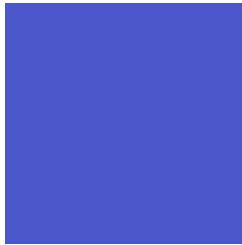
51.4580, 93.8000, 40.1680



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 96.5220, -44.0670, 33.2210 looks on a white 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

Black Background



This preview shows how the YIQ color 96.5220, -44.0670, 33.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

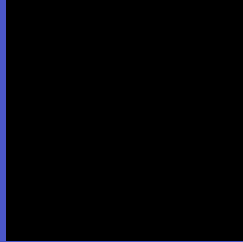
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.5220, -44.0670, 33.2210

Background



This preview shows how black text looks on a background with the YIQ color 96.5220, -44.0670, 33.2210.



This preview shows how white text looks on a background with the YIQ color 96.5220, -44.0670,

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

96.5220, -44.0670, 33.2210

Protanopia

78.9070, -91.2880, 13.4480

Deuteranopia

79.2370, -83.9500, 1.6020



Tritanopia

85.5080, -51.7610, -14.5850

Trichromacy



Original Color

96.5220, -44.0670, 33.2210

Protanomaly

85.2190, -74.3710, 20.7410

Deuteranomaly

85.5150, -69.6930, 13.0510

Tritanomaly

89.4290, -49.3800, 2.8440

Monochromacy



Original Color

96.5220, -44.0670, 33.2210

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.5920, -15.8660, 12.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.5220, -44.0670, 33.2210 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(75, 87, 202)` looks like.

```
.text, #text, p{  
    color:rgb(75, 87, 202)  
}
```

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(75, 87, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 87, 202) }
```

Border

The CSS property to change the border of an element to YIQ 96.5220, -44.0670, 33.2210 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(75, 87, 202) }
```


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

```
.border{ border-color:rgb(75, 87, 202) }
```

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

Here you see how a box with a 4 pixel rgb(75, 87, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 87, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 87, 202);  
box-shadow:4px 4px 4px 4px rgb(75, 87,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 96.5220, -44.0670, 33.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 87, 202) }
```

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

```
.background{ background-color: rgb(75, 87,  
202) }
```

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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