

Converting Colors

YIQ(103.6800, -55.7150,
46.0850)

Have a look what the booklet for
YIQ(103.6800, -55.7150, 46.0850)
contains.

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Color

**YIQ(103.6800, -55.7150,
46.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	4F59F4
RGB	79, 89, 244
RGB Percent	31%, 35%, 96%
CMY	0.6901, 0.6510, 0.0435
CMYK	0.68, 0.64, 0.00, 0.04
HSL	236°, 88%, 63%
HSV	236°, 68%, 96%
XYZ	23.1147, 15.3350, 87.2604
YIQ	103.6800, -55.7150, 46.0850

Conversions

Conversions Part 2

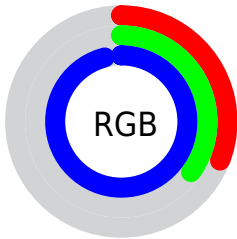
Format	Color
R_{YB}	79, 88, 244
Decimal	5200372
CIE _{Lab}	46.09, 44.47, -78.72
CIE _{LCh}	46, 90.413, 299.461
Yxy	15.3350, 0.1839, 0.1220
Android (android.graphics.Color)	4283390452 (0xFF4F59F4)
YUV	103.6800, 69.1778, -21.6444
Hunter-Lab	39.1599, 36.8324, -104.7046

Details

The YIQ color **103.6800, -55.7150, 46.0850** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **219.3200, 55.7150, -46.0850**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3170, -33.0640, 37.5600**, and **46.4450, -71.5310, 35.3570** is the 20% darker color. If you saturate the color by 10%, you get **83.0030, -63.6940, 53.0260**, and if you desaturate by 10%, it is **124.3570, -47.7360, 39.1440**.

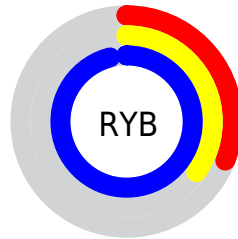
Distribution



Red (31%)

Green (35%)

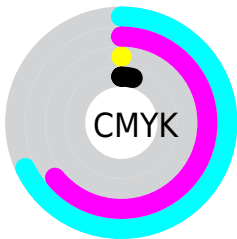
Blue (96%)



Red (31%)

Yellow (35%)

Blue (96%)

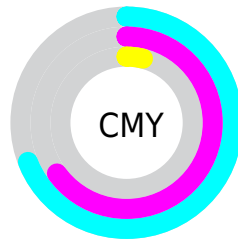


Cyan (68%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (65%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.6800, -55.7150, 46.0850 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 103.6800, -55.7150, 46.0850 by changing the saturation by 10% instead.

■ 103.6800,
-55.7150, 46.0850

■ 103.6800,
-55.7150, 46.0850

■ 255.0000, -0.0000,
-0.0000

■ 72.5320, -67.2220,
39.8660

■ 154.3170,
-33.0640, 37.5600

■ 46.4450, -71.5310,
35.3570

■ 179.4350,
-22.0130, 30.0110

■ 31.6270, -57.3640,
37.4200

■ 204.5530,
-10.9620, 22.4620

■ 17.9830, -43.7470,
38.4370

■ 230.2580, -0.1860,
14.3900

■ 11.9700, -33.7050,
32.6550

■ 252.0650, 1.3750,
2.6150

■ 14.9900, -28.4300,
19.6500

■ 9.3190, -19.3510,

14.8010

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,
2.1770

■ 103.6800,
-55.7150, 46.0850

■ 103.6800,
-55.7150, 46.0850

■ 83.0030, -63.6940,
53.0260

■ 124.3570,
-47.7360, 39.1440

■ 62.0270, -72.2690,
59.7550

■ 145.3330,
-39.1610, 32.4150

■ 41.3500, -80.2480,
66.6960

■ 166.0100,
-31.1820, 25.4740

■ 36.6210, -82.4490,
68.0390

■ 186.9860,
-22.6070, 18.7450

■ 207.6630,
-14.6280, 11.8040

■ 227.7530, -6.3740,
5.3860

■ 248.7290, 2.2010,
-1.3430

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

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



100.0970, -115.1300, 16.0220



103.6800, -55.7150, 46.0850



87.0690, 51.7010, 92.7970

Triad

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



103.6800, -55.7150, 46.0850



98.1990, 94.5860, 3.8820



93.0900, -71.9760, -39.2080

Complementary

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



103.6800, -55.7150, 46.0850



219.3200, 55.7150, -46.0850

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.



80.2540, -41.3440, -65.7280



103.6800, -55.7150, 46.0850



102.5870, 51.3100, -26.8180

Square

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



103.6800, -55.7150, 46.0850



72.4330, 122.4520, 60.5640



89.8200, -1.5950, -53.7150



102.4550, -96.9680, -15.7840

Rectangle

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



103.6800, -55.7150, 46.0850



83.1210, 89.4810, 90.9290



89.8200, -1.5950, -53.7150



89.4250, -63.0340, -47.0820

Sweetspot

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



103.6800, -55.7150, 46.0850



211.5750, -17.1960, 14.2920



193.4110, -94.8090, -38.4010



101.7080, -10.5010, 8.5950



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.



103.6800, -55.7150, 46.0850



79.2290, -70.0220, 57.5780



119.0390, -10.6490, 66.3670



111.9550, -4.1270, 3.2090



27.6610, -62.7310, 52.0930



9.0740, -20.0390, 16.2570

Inverse Universe

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



129.4750, 95.1300, 38.0900



111.3750, 119.1990, 47.9270



203.6620, 10.0530, -66.5790



113.7020, 6.8310, 2.8550



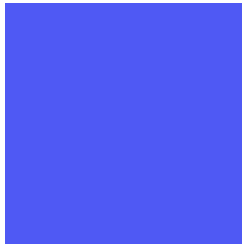
56.8680, 107.3250, 42.8530



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 103.6800, -55.7150, 46.0850 looks on a white background.

Color Contrast Check

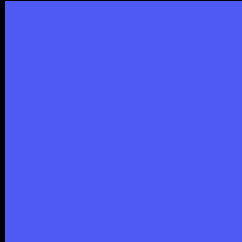
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6800, -55.7150, 46.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

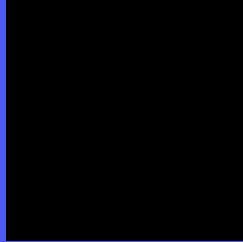
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.6800, -55.7150, 46.0850

Background



This preview shows how black text looks on a background with the YIQ color 103.6800, -55.7150, 46.0850.



This preview shows how white text looks on a background with the YIQ color 103.6800, -55.7150,

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

103.6800, -55.7150, 46.0850

Protanopia

86.2420, -99.5410, 14.3390

Deuteranopia

86.8170, -91.5150, 1.0370

Trichromacy



Original Color

103.6800, -55.7150, 46.0850

Protanomaly

92.8900, -83.4500, 25.5900

Deuteranomaly

93.0720, -78.4510, 17.5890

Monochromacy



Original Color

103.6800, -55.7150, 46.0850

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1880, -20.3600, 16.5680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6800, -55.7150, 46.0850 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(79, 89, 244)` looks like.

```
.text, #text, p{  
    color:rgb(79, 89, 244)  
}
```

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(79, 89, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 89, 244) }
```

Border

The CSS property to change the border of an element to YIQ 103.6800, -55.7150, 46.0850 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(79, 89, 244) }
```

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

```
.border{ border-color:rgb(79, 89, 244) }
```

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

Here you see how a box with a 4 pixel rgb(79, 89, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 89, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 89, 244);  
box-shadow:4px 4px 4px 4px rgb(79, 89,  
244) }
```


Background

The CSS property to change the background color of an element to YIQ 103.6800, -55.7150, 46.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 89, 244) }
```

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

```
.background{ background-color: rgb(79, 89,  
244) }
```

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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