

Converting Colors

YIQ(106.8720, -38.3400,
56.0920)

Have a look what the booklet for
YIQ(106.8720, -38.3400, 56.0920)
contains.

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Color

**YIQ(106.8720, -38.3400,
56.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	6951F5
RGB	105, 81, 245
RGB Percent	41%, 32%, 96%
CMY	0.5880, 0.6824, 0.0395
CMYK	0.57, 0.67, 0.00, 0.04
HSL	249°, 89%, 64%
HSV	249°, 67%, 96%
XYZ	25.2427, 15.4774, 87.9862
YIQ	106.8720, -38.3400, 56.0920

Conversions

Conversions Part 2

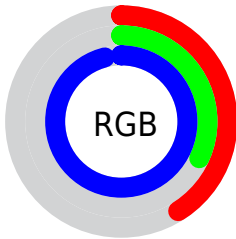
Format	Color
R _Y B	105, 81, 245
Decimal	6902261
CIE Lab	46.28, 52.94, -78.91
CIE LCh	46, 95.019, 303.859
Yxy	15.4774, 0.1961, 0.1203
Android (android.graphics.Color)	4285092341 (0xFF6951F5)
YUV	106.8720, 68.0971, -1.6417
Hunter-Lab	39.3413, 45.6846, -105.0623

Details

The YIQ color **106.8720, -38.3400, 56.0920** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **219.1280, 38.3400, -56.0920**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.7860, -18.0270, 45.8850**, and **46.9790, -55.1190, 46.2970** is the 20% darker color. If you saturate the color by 10%, you get **85.9180, -43.9810, 64.7150**, and if you desaturate by 10%, it is **127.2390, -32.4240, 47.9920**.

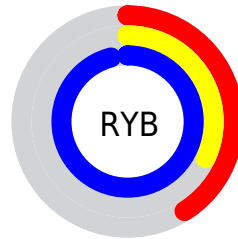
Distribution



Red (41%)

Green (32%)

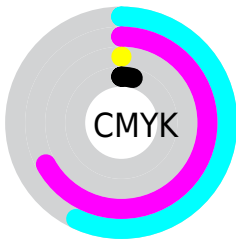
Blue (96%)



Red (41%)

Yellow (32%)

Blue (96%)

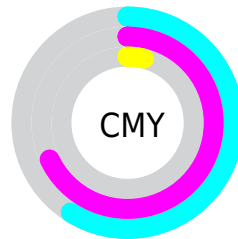


Cyan (57%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (68%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.8720, -38.3400, 56.0920 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 106.8720, -38.3400, 56.0920 by changing the saturation by 10% instead.

■ 106.8720,
-38.3400, 56.0920

■ 106.8720,
-38.3400, 56.0920

■ 255.0000, -0.0000,
-0.0000

■ 79.3120, -42.6950,
52.4170

■ 156.7860,
-18.0270, 45.8850

■ 46.9790, -55.1190,
46.2970

■ 181.6050, -7.5720,
38.1240

■ 22.3490, -53.2850,
46.0990

■ 206.7230, 3.4790,
30.5750

■ 15.0480, -42.3720,
41.0520

■ 230.9330, 11.2750,
21.4430

■ 12.0840, -34.0260,
32.9660

■ 247.9560, 3.3000,
6.2760

■ 15.6910, -29.0260,
19.4380

■ 9.4330, -19.6720,

15.1120

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,
2.7990

■ 106.8720,
-38.3400, 56.0920

■ 106.8720,
-38.3400, 56.0920

■ 85.9180, -43.9810,
64.7150

■ 127.2390,
-32.4240, 47.9920

■ 65.5510, -49.8970,
72.8150

■ 148.1930,
-26.7830, 39.3690

■ 45.1840, -55.8130,
80.9150

■ 168.5600,
-20.8670, 31.2690

■ 38.6940, -57.1890,
83.8270

■ 189.5140,
-15.2260, 22.6460

■ 209.8810, -9.3100,
14.5460

■ 230.5360, -4.2650,
5.7110

■ 250.9030, 1.6510,
-2.3890

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



98.9230, -114.5800, 17.0680



106.8720, -38.3400, 56.0920



82.6410, 64.9500, 100.4860

Triad

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



106.8720, -38.3400, 56.0920



99.9380, 90.8270, 0.4190



95.0450, -76.1030, -35.9990

Complementary

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



106.8720, -38.3400, 56.0920



219.1280, 38.3400, -56.0920

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.



83.0240, -46.3880, -62.4200



106.8720, -38.3400, 56.0920



102.5320, 43.9750, -31.5530

Square

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



106.8720, -38.3400, 56.0920



71.2070, 128.7800, 56.0120



82.0130, -21.4920, -62.0680



104.7520, -102.0580, -11.6420

Rectangle

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



106.8720, -38.3400, 56.0920



85.0850, 98.3300, 90.2500



82.0130, -21.4920, -62.0680



91.8530, -67.1150, -44.7070

Sweetspot

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



106.8720, -38.3400, 56.0920



211.9070, -12.1990, 17.3450



183.0500, -91.6940, -23.2620



101.7300, -7.5670, 10.4890



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.



106.8720, -38.3400, 56.0920



83.2260, -47.6040, 69.8040



130.7920, 9.3400, 73.0520



111.9660, -2.6600, 4.1560



29.2770, -43.6140, 63.5700



9.4170, -13.5750, 20.2570

Inverse Universe

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



145.9960, 52.8040, 78.3080



131.8320, 65.7300, 97.3620



195.2080, -9.3400, -73.0520



114.8420, 3.6210, 5.9650



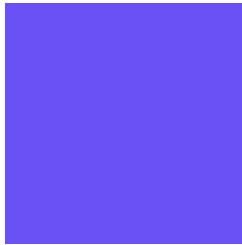
73.7400, 59.8170, 88.8810



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 106.8720, -38.3400, 56.0920 looks on a white background.

Color Contrast Check

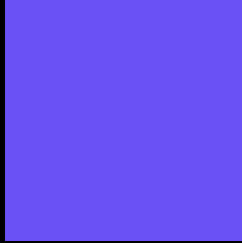
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.8720, -38.3400, 56.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

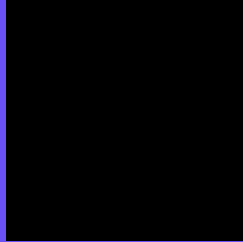
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.8720, -38.3400, 56.0920

Background



This preview shows how black text looks on a background with the YIQ color 106.8720, -38.3400, 56.0920.



This preview shows how white text looks on a background with the YIQ color 106.8720, -38.3400,

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

106.8720, -38.3400, 56.0920

Protanopia

86.9430, -100.1370, 14.1270

Deuteranopia

87.5180, -92.1110, 0.8250



Tritanopia

101.3850, -38.0530, -9.7090

Trichromacy



Original Color

106.8720, -38.3400, 56.0920

Protanomaly

93.9340, -77.5820, 29.3780

Deuteranomaly

94.7030, -72.8580, 20.8540

Tritanomaly

103.7390, -38.1490, 14.0670

Monochromacy



Original Color

106.8720, -38.3400, 56.0920

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1180, -14.1710, 20.0450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.8720, -38.3400, 56.0920 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(105, 81, 245)` looks like.

```
.text, #text, p{  
    color:rgb(105, 81, 245)  
}
```

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(105, 81, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 81, 245) }
```

Border

The CSS property to change the border of an element to YIQ 106.8720, -38.3400, 56.0920 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(105, 81, 245) }
```


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

```
.border{ border-color:rgb(105, 81, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 81, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 81, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 81, 245);  
box-shadow:4px 4px 4px 4px rgb(105, 81,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 106.8720, -38.3400, 56.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 81, 245) }
```

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

```
.background{ background-color: rgb(105, 81,  
245) }
```

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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