

Converting Colors

YIQ(107.5800, -49.9820,
35.7940)

Have a look what the booklet for
YIQ(107.5800, -49.9820, 35.7940)
contains.

YIQ(107.5800, -49.9820, 35.7940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(107.5800, -49.9820,
35.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	5262E0
RGB	82, 98, 224
RGB Percent	32%, 38%, 88%
CMY	0.6784, 0.6157, 0.1219
CMYK	0.63, 0.56, 0.00, 0.12
HSL	233°, 70%, 60%
HSV	233°, 63%, 88%
XYZ	21.2932, 15.9087, 72.4158
YIQ	107.5800, -49.9820, 35.7940

Conversions

Conversions Part 2

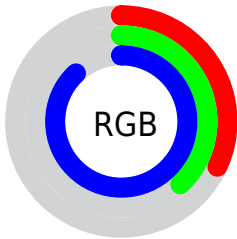
Format	Color
R_{YB}	82, 96, 224
Decimal	5399264
CIE _{Lab}	46.85, 32.75, -66.21
CIE _{LCh}	47, 73.863, 296.318
Yxy	15.9087, 0.1942, 0.1451
Android (android.graphics.Color)	4283589344 (0xFF5262E0)
YUV	107.5800, 57.3951, -22.4337
Hunter-Lab	39.8857, 25.4932, -79.7258

Details

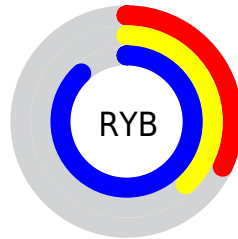
The YIQ color **107.5800, -49.9820, 35.7940** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **198.4200, 49.9820, -35.7940**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5890, -37.0060, 31.9060**, and **49.6760, -68.2280, 25.0520** is the 20% darker color. If you saturate the color by 10%, you get **89.2620, -57.5940, 41.5900**, and if you desaturate by 10%, it is **125.8980, -42.3700, 29.9980**.

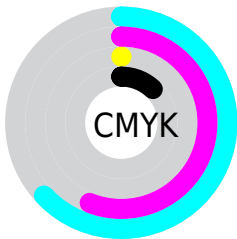
Distribution



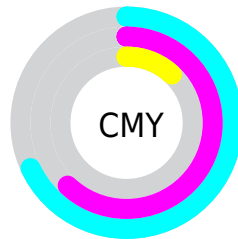
- Red (32%)
- Green (38%)
- Blue (88%)



- Red (32%)
- Yellow (38%)
- Blue (88%)



- Cyan (63%)
- Magenta (56%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (62%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.5800, -49.9820, 35.7940 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 107.5800, -49.9820, 35.7940 by changing the saturation by 10% instead.

■ 107.5800,
-49.9820, 35.7940

■ 107.5800,
-49.9820, 35.7940

■ 255.0000, -0.0000,
-0.0000

■ 79.1230, -56.1250,
31.4830

■ 159.5890,
-37.0060, 31.9060

■ 49.6760, -68.2280,
25.0520

■ 183.8210,
-26.2760, 24.6680

■ 34.2710, -53.7860,
27.6380

■ 209.2270,
-16.0960, 16.3840

■ 21.2140, -40.4440,
28.1320

■ 234.9320, -5.3200,
8.3120

■ 10.1460, -28.5690,
27.6790

■ 11.4050, -22.4690,
16.2430

■ 6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 107.5800,
-49.9820, 35.7940

■ 107.5800,
-49.9820, 35.7940

■ 89.2620, -57.5940,
41.5900

■ 125.8980,
-42.3700, 29.9980

■ 70.6450, -65.8020,
47.1740

■ 144.5150,
-34.1620, 24.4140

■ 52.3270, -73.4140,
52.9700

■ 162.8330,
-26.5500, 18.6180

■ 40.2110, -78.7790,
56.5890

■ 180.8630,
-18.0670, 13.5570

■ 199.1810,
-10.4550, 7.7610

■ 217.4990, -2.8430,
1.9650

■ 236.1160, 5.3650,
-3.6190

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



98.6320, -109.6270, 9.9010



107.5800, -49.9820, 35.7940



109.0650, 30.0200, 61.7000

Triad

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



107.5800, -49.9820, 35.7940



101.6990, 90.0020, -1.1500



91.9330, -70.0960, -40.2400

Complementary

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



107.5800, -49.9820, 35.7940



198.4200, 49.9820, -35.7940

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.



81.2460, -46.8930, -58.7730



107.5800, -49.9820, 35.7940



104.6800, 55.4820, -25.3340

Square

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



107.5800, -49.9820, 35.7940



92.6590, 97.7880, 44.9880



96.4200, 14.4510, -47.1570



99.2290, -90.6400, -20.3360

Rectangle

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



107.5800, -49.9820, 35.7940



95.0930, 68.3480, 71.9320



96.4200, 14.4510, -47.1570



88.8380, -62.7590, -46.5590

Sweetspot

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



107.5800, -49.9820, 35.7940



215.4070, -16.7830, 12.3130



179.6040, -79.1750, -35.3910



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.



107.5800, -49.9820, 35.7940



96.0300, -68.3240, 48.8280



114.3340, -13.3980, 55.6100



102.8410, -3.8060, 2.8980



31.8040, -61.9960, 44.2760



8.4070, -16.7830, 12.3130

Inverse Universe

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



126.2820, 79.4960, 35.0800



121.5140, 108.5620, 47.9700



191.6660, 13.3980, -55.6100



104.4030, 6.2350, 2.6430



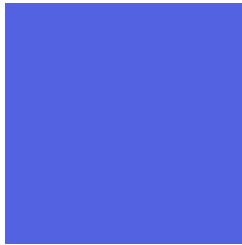
54.9040, 98.4760, 43.5320



14.9220, 27.0030, 11.7310

Previews

White Background



This preview shows how the YIQ color 107.5800, -49.9820, 35.7940 looks on a white background.

Color Contrast Check

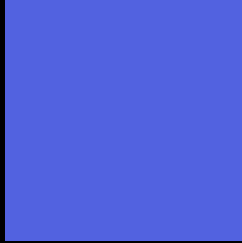
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.5800, -49.9820, 35.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

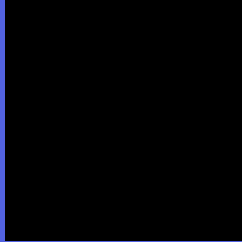
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.5800, -49.9820, 35.7940

Background



This preview shows how black text looks on a background with the YIQ color 107.5800, -49.9820, 35.7940.



This preview shows how white text looks on a background with the YIQ color 107.5800, -49.9820,

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

107.5800, -49.9820, 35.7940

Protanopia

87.9860, -101.6960, 14.8480

Deuteranopia

88.6750, -93.9910, 1.8570



Tritanopia

94.7350, -59.8300, -17.0300

Trichromacy



Original Color

107.5800, -49.9820, 35.7940

Protanomaly

95.0810, -82.6700, 22.4660

Deuteranomaly

95.8500, -77.9460, 13.9420

Tritanomaly

99.1940, -56.0280, 2.1800

Monochromacy



Original Color

107.5800, -49.9820, 35.7940

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.7490, -17.7460, 13.2460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5800, -49.9820, 35.7940 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(82, 98, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 98, 224)  
}
```

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(82, 98, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 98, 224) }
```

Border

The CSS property to change the border of an element to YIQ 107.5800, -49.9820, 35.7940 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(82, 98, 224) }
```


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

```
.border{ border-color:rgb(82, 98, 224) }
```

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

Here you see how a box with a 4 pixel rgb(82, 98, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 98, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 98, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 98,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5800, -49.9820, 35.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 98, 224) }
```

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

```
.background{ background-color: rgb(82, 98,  
224) }
```

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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