

Converting Colors

YIQ(115.7530, -48.7910,
41.7450)

Have a look what the booklet for
YIQ(115.7530, -48.7910, 41.7450)
contains.

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Color

**YIQ(115.7530, -48.7910,
41.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	5F66F1
RGB	95, 102, 241
RGB Percent	37%, 40%, 95%
CMY	0.6274, 0.6000, 0.0552
CMYK	0.61, 0.58, 0.00, 0.06
HSL	237°, 84%, 66%
HSV	237°, 61%, 94%
XYZ	25.3386, 18.2835, 85.3525
YIQ	115.7530, -48.7910, 41.7450

Conversions

Conversions Part 2

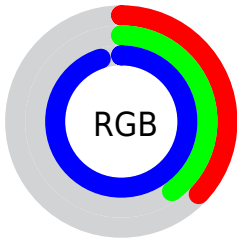
Format	Color
R _Y B	95, 102, 241
Decimal	6252273
CIE Lab	49.84, 38.01, -70.89
CIE LCh	50, 80.443, 298.200
Yxy	18.2835, 0.1965, 0.1418
Android (android.graphics.Color)	4284442353 (0xFF5F66F1)
YUV	115.7530, 61.7468, -18.2004
Hunter-Lab	42.7592, 30.9481, -88.4184

Details

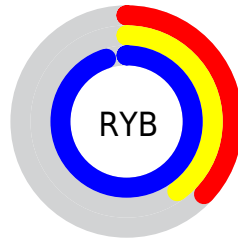
The YIQ color **115.7530, -48.7910, 41.7450** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **220.2470, 48.7910, -41.7450**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8240, -30.3580, 32.5700**, and **53.2610, -74.1890, 28.4590** is the 20% darker color. If you saturate the color by 10%, you get **95.0760, -56.7700, 48.6860**, and if you desaturate by 10%, it is **136.4300, -40.8120, 34.8040**.

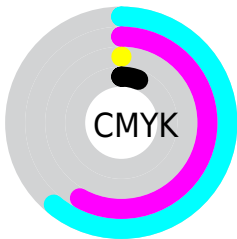
Distribution



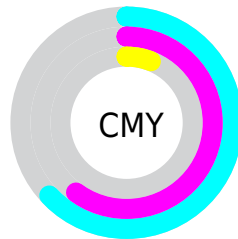
- Red (37%)
- Green (40%)
- Blue (95%)



- Red (37%)
- Yellow (40%)
- Blue (95%)



- Cyan (61%)
- Magenta (58%)
- Yellow (0%)
- Black (6%)



- Cyan (63%)
- Magenta (60%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7530, -48.7910, 41.7450 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 115.7530, -48.7910, 41.7450 by changing the saturation by 10% instead.

■ 115.7530,
-48.7910, 41.7450

■ 115.7530,
-48.7910, 41.7450

■ 255.0000, -0.0000,
-0.0000

■ 87.8940, -53.7420,
37.8580

■ 165.8240,
-30.3580, 32.5700

■ 53.2610, -74.1890,
28.4590

■ 190.9420,
-19.3070, 25.0210

■ 37.7420, -59.4260,
30.7340

■ 215.7610, -8.8520,
17.2600

■ 23.5110, -45.5340,
32.2740

■ 242.0530, 1.6490,
8.6650

■ 11.7420, -33.0630,
32.0330

■ 14.7620, -27.7880,
19.0280

■ 9.0910, -18.7090,

14.1790

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 115.7530,
-48.7910, 41.7450

■ 115.7530,
-48.7910, 41.7450

■ 95.0760, -56.7700,
48.6860

■ 136.4300,
-40.8120, 34.8040

■ 74.3990, -64.7490,
55.6270

■ 157.1070,
-32.8330, 27.8630

■ 53.7220, -72.7280,
62.5680

■ 177.7840,
-24.8540, 20.9220

■ 34.5180, -80.6610,
68.6750

■ 198.4610,
-16.8750, 13.9810

■ 219.1380, -8.8960,
7.0400

■ 240.1140, -0.3210,
0.3110

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

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



104.7930, -117.3300, 11.8380



115.7530, -48.7910, 41.7450



113.9400, 38.0420, 70.5060

Triad

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



115.7530, -48.7910, 41.7450



108.5100, 94.9080, -1.9560



98.4700, -76.1020, -41.5260

Complementary

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



115.7530, -48.7910, 41.7450



220.2470, 48.7910, -41.7450

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.



87.5720, -50.9270, -62.7590



115.7530, -48.7910, 41.7450



111.7570, 56.5830, -28.7690

Square

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



115.7530, -48.7910, 41.7450



96.0410, 108.5160, 48.8040



101.9910, 11.1050, -52.5990



107.0370, -98.8470, -20.2790

Rectangle

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



115.7530, -48.7910, 41.7450



92.1800, 81.8250, 86.5050



101.9910, 11.1050, -52.5990



95.1470, -68.1230, -48.4670

Sweetspot

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



115.7530, -48.7910, 41.7450



215.4180, -15.3160, 13.2600



196.5480, -84.7690, -33.1290



103.4800, -9.8590, 7.9730



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.



115.7530, -48.7910, 41.7450



95.4870, -62.1810, 53.1390



131.3780, -7.5300, 59.3980



109.3680, -3.8520, 3.7320



26.2590, -61.5390, 52.5170



8.1450, -18.8010, 15.8470

Inverse Universe

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



139.4520, 84.7690, 33.1290



125.6400, 107.9670, 42.2310



204.6220, 7.5300, -59.3980



111.5880, 7.1520, 2.5440



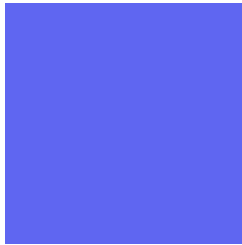
56.0420, 106.7750, 41.8070



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 115.7530, -48.7910, 41.7450 looks on a white background.

Color Contrast Check

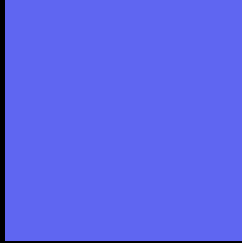
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7530, -48.7910, 41.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

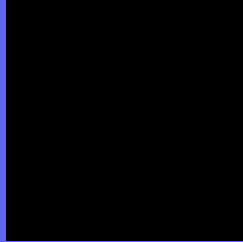
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.7530, -48.7910, 41.7450

Background



This preview shows how black text looks on a background with the YIQ color 115.7530, -48.7910, 41.7450.



This preview shows how white text looks on a background with the YIQ color 115.7530, -48.7910,

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

115.7530, -48.7910, 41.7450

Protanopia

94.3920, -108.7110, 15.3290

Deuteranopia

94.8530, -100.3640, 1.7160



Tritanopia

105.7360, -52.4030, -13.9630

Trichromacy



Original Color

115.7530, -48.7910, 41.7450

Protanomaly

102.5090, -86.7510, 24.8410

Deuteranomaly

102.5770, -81.4310, 16.5290

Tritanomaly

109.1670, -51.3980, 6.3780

Monochromacy



Original Color

115.7530, -48.7910, 41.7450

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8030, -17.8380, 14.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7530, -48.7910, 41.7450 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(95, 102, 241)` looks like.

```
.text, #text, p{  
    color:rgb(95, 102, 241)  
}
```

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(95, 102, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 102, 241) }
```

Border

The CSS property to change the border of an element to YIQ 115.7530, -48.7910, 41.7450 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(95, 102, 241) }
```


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

```
.border{ border-color:rgb(95, 102, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 102, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 102, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 102, 241);  
box-shadow:4px 4px 4px 4px rgb(95, 102,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7530, -48.7910, 41.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 102, 241) }
```

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

```
.background{ background-color: rgb(95, 102,  
241) }
```

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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