

Converting Colors

YIQ(119.2310, -37.9730,
54.9470)

Have a look what the booklet for
YIQ(119.2310, -37.9730, 54.9470)
contains.

YIQ(119.2310, -37.9730, 54.9470)	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>	30

Color

**YIQ(119.2310, -37.9730,
54.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	755EFF
RGB	117, 94, 255
RGB Percent	46%, 37%, 100%
CMY	0.5410, 0.6314, 0.0003
CMYK	0.54, 0.63, 0.00, 0.00
HSL	249°, 100%, 68%
HSV	249°, 63%, 100%
XYZ	29.3820, 19.0039, 96.6680
YIQ	119.2310, -37.9730, 54.9470

Conversions

Conversions Part 2

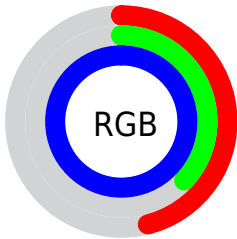
Format	Color
R _Y B	117, 94, 255
Decimal	7692031
CIE Lab	50.69, 50.61, -77.24
CIE LCh	51, 92.343, 303.237
Yxy	19.0039, 0.2026, 0.1310
Android (android.graphics.Color)	4285882111 (0xFF755EFF)
YUV	119.2310, 66.9341, -1.9566
Hunter-Lab	43.5934, 44.0205, -100.9595

Details

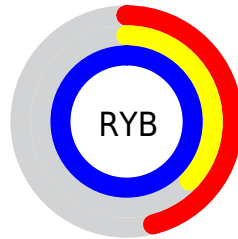
The YIQ color **119.2310, -37.9730, 54.9470** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **229.7690, 37.9730, -54.9470**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2930, -15.3210, 40.8950**, and **63.2140, -48.4710, 46.9610** is the 20% darker color. If you saturate the color by 10%, you get **97.3910, -43.9350, 63.8810**, and if you desaturate by 10%, it is **140.4840, -31.7360, 46.5360**.

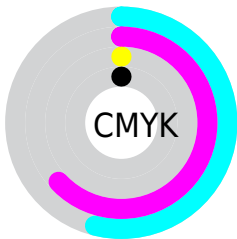
Distribution



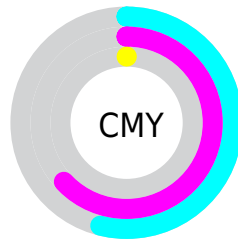
- Red (46%)
- Green (37%)
- Blue (100%)



- Red (46%)
- Yellow (37%)
- Blue (100%)



- Cyan (54%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2310, -37.9730, 54.9470 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 119.2310, -37.9730, 54.9470 by changing the saturation by 10% instead.

■ 119.2310,
-37.9730, 54.9470

■ 119.2310,
-37.9730, 54.9470

■ 255.0000, -0.0000,
-0.0000

■ 91.3830, -41.4570,
52.0070

■ 168.2930,
-15.3210, 40.8950

■ 63.2140, -48.4710,
46.9610

■ 193.1120, -4.8660,
33.1340

■ 32.1800, -60.2990,
41.0530

■ 218.2300, 6.1850,
25.5850

■ 16.1880, -45.5820,
44.1620

■ 239.7380, 7.1500,
13.5980

■ 13.1100, -36.9150,
35.7650

■ 13.0810, -29.9440,
25.0640

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 119.2310,
-37.9730, 54.9470

■ 119.2310,
-37.9730, 54.9470

■ 97.3910, -43.9350,
63.8810

■ 140.4840,
-31.7360, 46.5360

■ 76.1380, -50.1720,
72.2920

■ 162.3240,
-25.7740, 37.6020

■ 55.1840, -55.8130,
80.9150

■ 183.5770,
-19.5370, 29.1910

■ 40.1330, -59.8030,
87.1490

■ 205.1180,
-14.1710, 20.0450

■ 226.3710, -7.9340,
11.6340

■ 248.2110, -1.9720,
2.7000

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



105.3800, -117.6050, 11.3150



119.2310, -37.9730, 54.9470



96.2770, 62.9790, 97.6590

Triad

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



119.2310, -37.9730, 54.9470



110.5810, 96.1460, -2.3660



103.2290, -82.6130, -39.1650

Complementary

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



119.2310, -37.9730, 54.9470



229.7690, 37.9730, -54.9470

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.



91.5500, -53.8610, -64.6530



119.2310, -37.9730, 54.9470



112.8870, 50.1650, -33.6030

Square

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



119.2310, -37.9730, 54.9470



77.9780, 131.1630, 62.3870



96.5430, -8.4250, -62.0970



112.7080, -107.9260, -15.4300

Rectangle

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



119.2310, -37.9730, 54.9470



89.4430, 100.4380, 96.1020



96.5430, -8.4250, -62.0970



100.0370, -73.6250, -47.8730

Sweetspot

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



119.2310, -37.9730, 54.9470



214.2660, -11.8320, 16.2000



193.9470, -89.9060, -22.6260



102.6160, -7.2460, 10.1780



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.



119.2310, -37.9730, 54.9470



91.4880, -45.5860, 66.2700



142.8520, 9.1110, 71.6950



117.0800, -2.9810, 4.4670



29.8470, -45.2190, 65.1250



9.9870, -15.1800, 21.8120

Inverse Universe

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



157.8710, 51.6580, 77.0500



137.9300, 62.3380, 92.7540



206.1480, -9.1110, -71.6950



120.1410, 4.2170, 6.1770



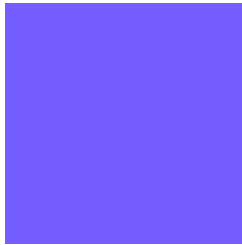
75.8050, 61.1920, 91.4960



25.4060, 20.4890, 30.6730

Previews

White Background



This preview shows how the YIQ color 119.2310, -37.9730, 54.9470 looks on a white background.

Color Contrast Check

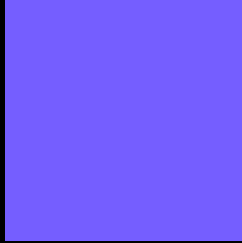
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.2310, -37.9730, 54.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

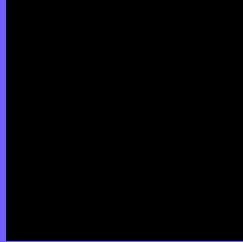
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.2310, -37.9730, 54.9470

Background



This preview shows how black text looks on a background with the YIQ color 119.2310, -37.9730, 54.9470.

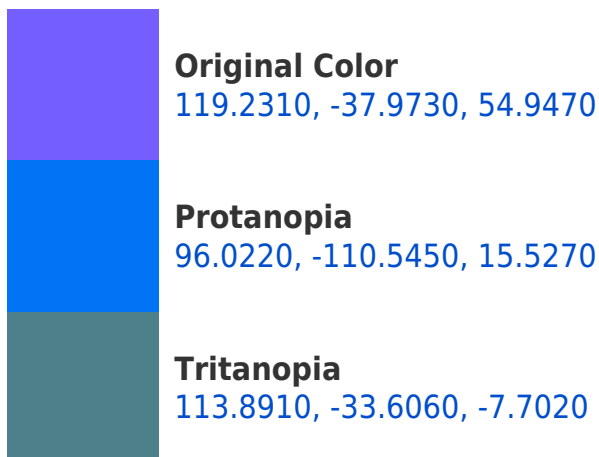


This preview shows how white text looks on a background with the YIQ color 119.2310, -37.9730,

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



Trichromacy



Original Color

119.2310, -37.9730, 54.9470



Protanomaly

104.6390, -84.0010, 30.0710



Tritanomaly

116.2340, -35.1690, 15.1270

Monochromacy



Original Color

119.2310, -37.9730, 54.9470



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

119.0040, -13.8500, 19.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2310, -37.9730, 54.9470 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(117, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 94, 255)  
}
```

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(117, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 94, 255) }
```

Border

The CSS property to change the border of an element to YIQ 119.2310, -37.9730, 54.9470 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(117, 94, 255) }
```

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

```
.border{ border-color:rgb(117, 94, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 94, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 94,  
255) }
```


Background

The CSS property to change the background color of an element to YIQ 119.2310, -37.9730, 54.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 94, 255) }
```

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

```
.background{ background-color: rgb(117, 94,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor