

Converting Colors

YIQ(104.9940, -59.4750,
48.1490)

Have a look what the booklet for
YIQ(104.9940, -59.4750, 48.1490)
contains.

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Color

**YIQ(104.9940, -59.4750,
48.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5AFD
RGB	78, 90, 253
RGB Percent	31%, 35%, 99%
CMY	0.6940, 0.6470, 0.0082
CMYK	0.69, 0.64, 0.00, 0.01
HSL	236°, 98%, 65%
HSV	236°, 69%, 99%
XYZ	24.5149, 16.0197, 94.6514
YIQ	104.9940, -59.4750, 48.1490

Conversions

Conversions Part 2

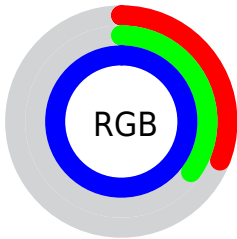
Format	Color
R_{YB}	78, 89, 253
Decimal	5135101
CIE _{Lab}	47.00, 46.72, -82.26
CIE _{LCh}	47, 94.598, 299.596
Yxy	16.0197, 0.1813, 0.1185
Android (android.graphics.Color)	4283325181 (0xFF4E5AFD)
YUV	104.9940, 72.9670, -23.6737
Hunter-Lab	40.0246, 39.2875, -112.1935

Details

The YIQ color **104.9940, -59.4750, 48.1490** 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 **226.0060, 59.4750, -48.1490**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.2030, -32.7430, 37.2490**, and **48.0580, -74.6950, 37.6330** is the 20% darker color. If you saturate the color by 10%, you get **83.4310, -67.7750, 55.4010**, and if you desaturate by 10%, it is **126.5570, -51.1750, 40.8970**.

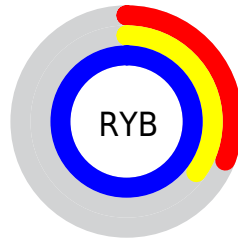
Distribution



Red (31%)

Green (35%)

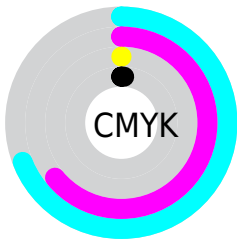
Blue (99%)



Red (31%)

Yellow (35%)

Blue (99%)

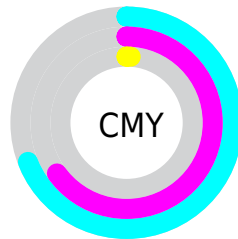


Cyan (69%)

Magenta (64%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (65%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.9940, -59.4750, 48.1490 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 104.9940, -59.4750, 48.1490 by changing the saturation by 10% instead.

■ 104.9940,
-59.4750, 48.1490

■ 104.9940,
-59.4750, 48.1490

■ 255.0000, -0.0000,
-0.0000

■ 72.6500, -73.3660,
41.0820

■ 155.2030,
-32.7430, 37.2490

■ 48.0580, -74.6950,
37.6330

■ 180.6200,
-21.0960, 29.9120

■ 32.5390, -59.9320,
39.9080

■ 205.7380,
-10.0450, 22.3630

■ 19.4820, -46.5900,
40.4020

■ 231.4430, 0.7310,
14.2910

■ 12.8820, -36.2730,
35.1430

■ 252.6520, 1.1000,
2.0920

■ 16.9620, -31.2270,
20.7810

■ 10.7040, -21.8730,

16.4550

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 104.9940,
-59.4750, 48.1490

■ 104.9940,
-59.4750, 48.1490

■ 83.4310, -67.7750,
55.4010

■ 126.5570,
-51.1750, 40.8970

■ 62.1560, -76.9460,
61.9180

■ 147.8320,
-42.0040, 34.3800

■ 40.5930, -85.2460,
69.1700

■ 169.3950,
-33.7040, 27.1280

■ 38.8210, -85.8880,
69.7920

■ 190.3710,
-25.1290, 20.3990

■ 211.9340,
-16.8290, 13.1470

■ 233.2090, -7.6580,
6.6300

254.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



101.8580, -115.9550, 14.4530



104.9940, -59.4750, 48.1490



81.9160, 56.9260, 102.7340

Triad

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



104.9940, -59.4750, 48.1490



99.9930, 98.1620, 5.1540



95.0790, -73.4430, -40.1550

Complementary

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



104.9940, -59.4750, 48.1490



226.0060, 59.4750, -48.1490

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.



81.3310, -40.2430, -69.1630



104.9940, -59.4750, 48.1490



104.9460, 51.6770, -27.9630

Square

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



104.9940, -59.4750, 48.1490



74.7110, 127.5410, 61.9490



90.6840, -4.2080, -55.9200



104.9000, -99.7190, -15.4870

Rectangle

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



104.9940, -59.4750, 48.1490



85.9690, 92.9650, 93.8690



90.6840, -4.2080, -55.9200



91.3000, -64.1800, -48.3400

Sweetspot

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



104.9940, -59.4750, 48.1490



209.5040, -18.4340, 14.7020



198.9650, -99.4850, -41.7650



100.8220, -10.8220, 8.9060



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.



104.9940, -59.4750, 48.1490



75.9730, -72.1770, 58.0870



119.7770, -12.6670, 69.9010



117.0690, -4.4480, 3.5200



29.4050, -64.8860, 52.6020



9.6440, -21.6440, 17.8120

Inverse Universe

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



131.6930, 100.4480, 40.8320



108.0980, 121.5370, 49.6090



211.2230, 12.6670, -69.9010



119.0010, 7.4270, 3.0670



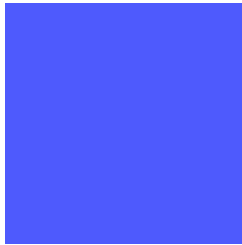
58.5910, 109.6630, 44.5350



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 104.9940, -59.4750, 48.1490 looks on a white background.

Color Contrast Check

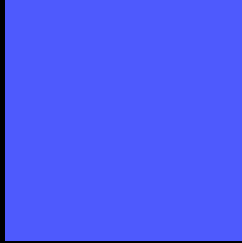
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9940, -59.4750, 48.1490 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 104.9940, -59.4750, 48.1490

Background



This preview shows how black text looks on a background with the YIQ color 104.9940, -59.4750, 48.1490.



This preview shows how white text looks on a background with the YIQ color 104.9940, -59.4750,

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

104.9940, -59.4750, 48.1490

Protanopia

88.4590, -101.6500, 14.0140

Deuteranopia

88.9200, -93.3030, 0.4010



Tritanopia

87.1350, -75.8760, -23.5880

Trichromacy



Original Color

104.9940, -59.4750, 48.1490

Protanomaly

94.4490, -86.5220, 26.1980

Deuteranomaly

94.5170, -81.2020, 17.8860

Tritanomaly

93.4790, -70.0120, 2.3080

Monochromacy



Original Color

104.9940, -59.4750, 48.1490

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2310, -21.9190, 17.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.9940, -59.4750, 48.1490 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(78, 90, 253)` looks like.

```
.text, #text, p{  
    color:rgb(78, 90, 253)  
}
```

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(78, 90, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 90, 253) }
```

Border

The CSS property to change the border of an element to YIQ 104.9940, -59.4750, 48.1490 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(78, 90, 253) }
```


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

```
.border{ border-color:rgb(78, 90, 253) }
```

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

Here you see how a box with a 4 pixel rgb(78, 90, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 90, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 90, 253);  
box-shadow:4px 4px 4px 4px rgb(78, 90,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 104.9940, -59.4750, 48.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 90, 253) }
```

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

```
.background{ background-color: rgb(78, 90,  
253) }
```

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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