

Converting Colors

YIQ(55.4940, -18.2190, 93.4370)

Have a look what the booklet for
YIQ(55.4940, -18.2190, 93.4370)
contains.

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Color

**YIQ(55.4940, -18.2190,
93.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	6000EB
RGB	96, 0, 235
RGB Percent	38%, 0%, 92%
CMY	0.6231, 1.0000, 0.0787
CMYK	0.59, 1.00, 0.00, 0.08
HSL	265°, 100%, 46%
HSV	265°, 100%, 92%
XYZ	19.8200, 8.4864, 79.1416
YIQ	55.4940, -18.2190, 93.4370

Conversions

Conversions Part 2

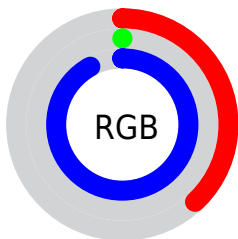
Format	Color
R _Y B	96, 0, 235
Decimal	6291691
CIE Lab	34.98, 76.78, -91.93
CIE LCh	35, 119.776, 309.866
Yxy	8.4864, 0.1845, 0.0790
Android (android.graphics.Color)	4284481771 (0xFF6000EB)
YUV	55.4940, 88.4965, 35.5238
Hunter-Lab	29.1314, 70.4649, -140.6816

Details

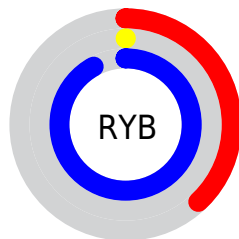
The YIQ color **55.4940, -18.2190, 93.4370** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **179.5060, 18.2190, -93.4370**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1200, -6.2030, 73.9010**, and **20.1780, -56.8170, 55.0470** is the 20% darker color. If you saturate the color by 10%, you get **55.4940, -18.2190, 93.4370**, and if you desaturate by 10%, it is **73.1810, -16.2000, 84.3760**.

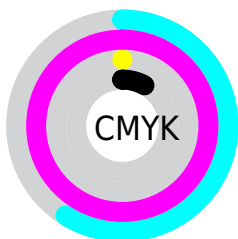
Distribution



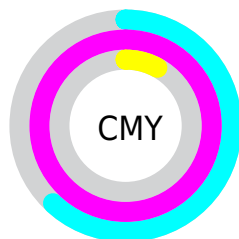
- Red (38%)
- Green (0%)
- Blue (92%)



- Red (38%)
- Yellow (0%)
- Blue (92%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (62%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.4940, -18.2190, 93.4370 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 55.4940, -18.2190, 93.4370 by changing the saturation by 10% instead.

■ 55.4940, -18.2190,
93.4370

■ 55.4940, -18.2190,
93.4370

■ 255.0000, -0.0000,
-0.0000

■ 40.5270, -32.1540,
76.1500

■ 122.1200, -6.2030,
73.9010

■ 20.1780, -56.8170,
55.0470

■ 148.1240, 5.1690,
66.0410

■ 17.1000, -48.1500,
46.6500

■ 173.8290, 15.9450,
57.9690

■ 14.0220, -39.4830,
38.2530

■ 199.8220, 25.8500,
49.1620

■ 14.4660, -32.4660,
26.7180

■ 216.2580, 18.1500,
34.5180


■ 12.9040, -25.3120,
18.2080


■ 233.2810, 10.1750,


■ 7.8200, -16.5080,


19.3510


12.8360


 250.8910, 1.9250,
3.6610


 3.5510, -8.6210,
7.5630


 0.0000, 0.0000,
0.0000

 55.4940, -18.2190,
93.4370

 73.1810, -16.2000,
84.3760

 91.4550, -14.4560,
74.7920

 109.1420,
-12.4370, 65.7310

 127.4160,
-10.6930, 56.1470

■ 145.1030, -8.6740,
47.0860

■ 163.0780, -7.5260,
37.2900

■ 180.7650, -5.5070,
28.2290

■ 199.0390, -3.7630,
18.6450

■ 216.7260, -1.7440,
9.5840

Harmonies

Analogous

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



83.0740, -107.1550, 31.1890



55.4940, -18.2190, 93.4370



79.1070, 74.9010, 90.8450

Triad

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



55.4940, -18.2190, 93.4370



72.7380, 77.0710, 7.4310



78.0390, -66.7980, -22.9100

Complementary

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



55.4940, -18.2190, 93.4370



179.5060, 18.2190, -93.4370

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.



63.3960, -29.7000, -56.4840



55.4940, -18.2190, 93.4370



73.7710, 18.4370, -31.2830

Square

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



55.4940, -18.2190, 93.4370



61.5940, 122.7760, 43.6720



61.0480, -28.6000, -54.3920



90.5160, -97.7970, 4.7550

Rectangle

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



55.4940, -18.2190, 93.4370



78.5030, 108.2360, 75.9160



61.0480, -28.6000, -54.3920



73.6900, -55.9300, -32.6500

Sweetspot

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



55.4940, -18.2190, 93.4370



196.9330, -5.9200, 30.2080



109.5570, -114.2100, -0.6580



92.6260, -4.0380, 18.1220



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.



55.4940, -18.2190, 93.4370



60.1660, -19.8710, 101.3530



89.8790, 50.3210, 117.8170



108.4500, -1.1470, 4.2690



42.7600, -13.9970, 71.9790



12.7340, -4.2220, 21.4580

Inverse Universe

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



86.1110, 95.4410, 93.0490



93.4590, 103.5090, 101.0210



144.8220, -50.9170, -118.0290



110.0870, 4.3090, 4.5090



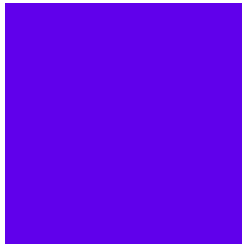
66.3170, 73.5290, 71.6490



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 55.4940, -18.2190, 93.4370 looks on a white background.

Color Contrast Check

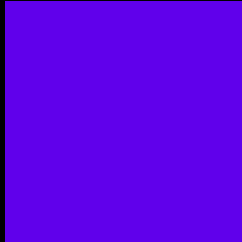
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 55.4940, -18.2190, 93.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

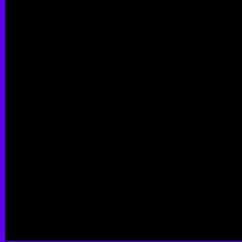
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.4940, -18.2190, 93.4370

Background



This preview shows how black text looks on a background with the YIQ color 55.4940, -18.2190, 93.4370.



This preview shows how white text looks on a background with the YIQ color 55.4940, -18.2190,

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

55.4940, -18.2190, 93.4370

Protanopia

66.9270, -76.8450, 10.5070

Deuteranopia

66.8980, -69.8740, -0.1940



Tritanopia

75.1680, -35.9440, -9.3840

Trichromacy



Original Color

55.4940, -18.2190, 93.4370

Protanomaly

63.1050, -55.7140, 40.5580

Deuteranomaly

62.9280, -51.0820, 33.7020

Tritanomaly

67.9610, -29.4860, 27.7780

Monochromacy



Original Color

55.4940, -18.2190, 93.4370

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.1550, -6.4250, 33.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.4940, -18.2190, 93.4370 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(96, 0, 235)` looks like.

```
.text, #text, p{  
    color:rgb(96, 0, 235)  
}
```

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(96, 0, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 235) }
```

Border

The CSS property to change the border of an element to YIQ 55.4940, -18.2190, 93.4370 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(96, 0, 235) }
```


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

```
.border{ border-color:rgb(96, 0, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 0, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 235);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 235)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.4940, -18.2190, 93.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 235) }
```

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

```
.background{ background-color: rgb(96, 0,  
235) }
```

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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