

Converting Colors

YIQ(57.1890, -18.6780, 96.2500)

Have a look what the booklet for
YIQ(57.1890, -18.6780, 96.2500)
contains.

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Color

**YIQ(57.1890, -18.6780,
96.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	6300F2
RGB	99, 0, 242
RGB Percent	39%, 0%, 95%
CMY	0.6113, 1.0000, 0.0512
CMYK	0.59, 1.00, 0.00, 0.05
HSL	265°, 100%, 47%
HSV	265°, 100%, 95%
XYZ	21.1733, 9.0650, 84.5856
YIQ	57.1890, -18.6780, 96.2500

Conversions

Conversions Part 2

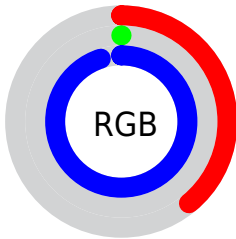
Format	Color
RYB	99, 0, 242
Decimal	6488306
CIELab	36.11, 78.49, -94.01
CIElCh	36, 122.471, 309.859
Yxy	9.0650, 0.1844, 0.0789
Android (android.graphics.Color)	4284678386 (0xFF6300F2)
YUV	57.1890, 91.1118, 36.6682
Hunter-Lab	30.1081, 72.8397, -145.4934

Details

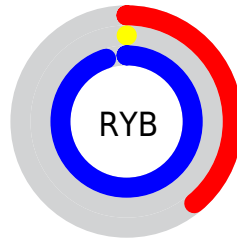
The YIQ color **57.1890, -18.6780, 96.2500** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **184.8110, 18.6780, -96.2500**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6040, -4.6900, 74.0140**, and **20.9760, -59.0640, 57.2240** is the 20% darker color. If you saturate the color by 10%, you get **57.1890, -18.6780, 96.2500**, and if you desaturate by 10%, it is **75.4630, -16.9340, 86.6660**.

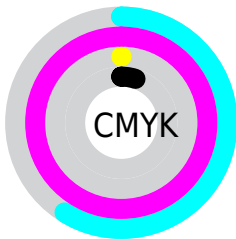
Distribution



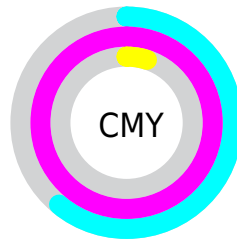
- Red (39%)
- Green (0%)
- Blue (95%)



- Red (39%)
- Yellow (0%)
- Blue (95%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (61%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1890, -18.6780, 96.2500 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 57.1890, -18.6780, 96.2500 by changing the saturation by 10% instead.

■ 57.1890, -18.6780,
96.2500

■ 57.1890, -18.6780,
96.2500

■ 255.0000, -0.0000,
-0.0000

■ 42.2220, -32.6130,
78.9630

■ 123.6040, -4.6900,
74.0140

■ 20.9760, -59.0640,
57.2240

■ 150.1950, 6.4070,
65.6310

■ 17.7840, -50.0760,
48.5160

■ 176.1990, 17.7790,
57.7710

■ 14.7060, -41.4090,
40.1190

■ 200.4090, 25.5750,
48.6390

■ 13.3890, -33.5670,
30.1530

■ 217.4320, 17.6000,
33.4720

■ 14.6480, -27.4670,
18.7170


■ 234.4550, 9.6250,


■ 9.0910, -18.7090,


18.3050


14.1790


 252.0650, 1.3750,
2.6150


 4.7080, -10.5010,
8.5950


 0.3420, -0.9630,
0.9330

 57.1890, -18.6780,
96.2500

 75.4630, -16.9340,
86.6660

 94.0360, -14.5940,
77.2940

 112.8970,
-13.1250, 67.1870

 131.1710,
-11.3810, 57.6030

■ 149.7440, -9.0410,
48.2310

■ 168.0180, -7.2970,
38.6470

■ 186.2920, -5.5530,
29.0630

■ 205.1530, -4.0840,
18.9560

■ 223.7260, -1.7440,
9.5840

Harmonies

Analogous

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



84.8350, -107.9800, 29.6200



57.1890, -18.6780, 96.2500



81.6560, 77.7890, 93.5730

Triad

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



57.1890, -18.6780, 96.2500



75.1080, 78.9050, 7.2330



80.2560, -68.9070, -23.2350

Complementary

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



57.1890, -18.6780, 96.2500



184.8110, 18.6780, -96.2500

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.



65.7440, -30.8000, -58.5760



57.1890, -18.6780, 96.2500



76.1300, 18.8040, -32.4280

Square

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



57.1890, -18.6780, 96.2500



63.3880, 126.3520, 44.9440



62.8090, -29.4250, -55.9610



93.5480, -100.8230, 4.5290

Rectangle

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



57.1890, -18.6780, 96.2500



80.9380, 111.4450, 78.3330



62.8090, -29.4250, -55.9610



75.6790, -57.3970, -33.5970

Sweetspot

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



57.1890, -18.6780, 96.2500



196.9330, -5.9200, 30.2080



112.7030, -117.5570, -0.5730



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.



57.1890, -18.6780, 96.2500



60.1660, -19.8710, 101.3530



92.7700, 52.2460, 121.4780



110.8630, -0.8720, 4.7920



43.4010, -14.3640, 73.1240



13.2610, -4.2680, 22.2920

Inverse Universe

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



88.6600, 98.3290, 95.7770



93.4590, 103.5090, 101.0210



149.2300, -52.2460, -121.4780



112.3860, 4.9050, 4.7210



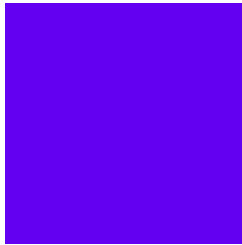
67.3280, 74.9960, 72.5960



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 57.1890, -18.6780, 96.2500 looks on a white background.

Color Contrast Check

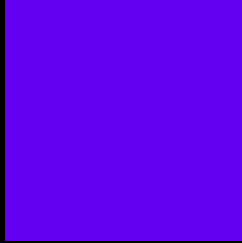
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.1890, -18.6780, 96.2500 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 57.1890, -18.6780, 96.2500

Background



This preview shows how black text looks on a background with the YIQ color 57.1890, -18.6780, 96.2500.



This preview shows how white text looks on a background with the YIQ color 57.1890, -18.6780,

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

57.1890, -18.6780, 96.2500

Protanopia

68.6710, -79.0000, 11.0160

Deuteranopia

69.2290, -72.3040, -0.2080



Tritanopia

77.8690, -36.5400, -9.5960

Trichromacy



Original Color

57.1890, -18.6780, 96.2500

Protanomaly

64.5610, -56.9980, 41.8020

Deuteranomaly

65.0850, -52.9620, 34.7340

Tritanomaly

70.6020, -29.8530, 28.9230

Monochromacy



Original Color

57.1890, -18.6780, 96.2500

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7960, -6.7920, 35.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1890, -18.6780, 96.2500 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(99, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 242)  
}
```

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(99, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 242) }
```

Border

The CSS property to change the border of an element to YIQ 57.1890, -18.6780, 96.2500 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(99, 0, 242) }
```


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

```
.border{ border-color:rgb(99, 0, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(99, 0, 242)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.1890, -18.6780, 96.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 242) }
```

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

```
.background{ background-color: rgb(99, 0,  
242) }
```

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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