

Converting Colors

YIQ(119.0790, -44.7980,
18.9300)

Have a look what the booklet for
YIQ(119.0790, -44.7980, 18.9300)
contains.

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Color

**YIQ(119.0790, -44.7980,
18.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	5877C9
RGB	88, 119, 201
RGB Percent	35%, 47%, 79%
CMY	0.6549, 0.5333, 0.2120
CMYK	0.56, 0.41, 0.00, 0.21
HSL	224°, 51%, 57%
HSV	224°, 56%, 79%
XYZ	21.1577, 19.4854, 57.8663
YIQ	119.0790, -44.7980, 18.9300

Conversions

Conversions Part 2

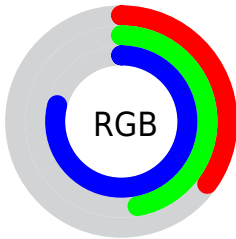
Format	Color
R _Y B	88, 112, 201
Decimal	5797833
CIE Lab	51.25, 13.15, -46.05
CIE LCh	51, 47.894, 285.941
Yxy	19.4854, 0.2148, 0.1978
Android (android.graphics.Color)	4283987913 (0xFF5877C9)
YUV	119.0790, 40.3871, -27.2563
Hunter-Lab	44.1422, 8.3075, -46.8240

Details

The YIQ color **119.0790, -44.7980, 18.9300** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **169.9210, 44.7980, -18.9300**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8020, -42.4600, 20.6120**, and **64.0020, -55.0670, 12.3010** is the 20% darker color. If you saturate the color by 10%, you get **104.2940, -52.5930, 22.5350**, and if you desaturate by 10%, it is **133.8640, -37.0030, 15.3250**.

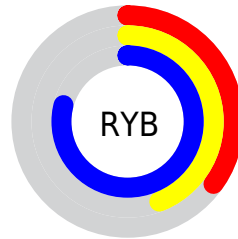
Distribution



Red (35%)

Green (47%)

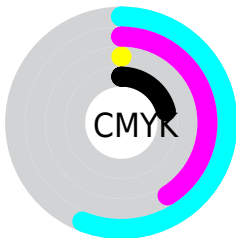
Blue (79%)



Red (35%)

Yellow (44%)

Blue (79%)

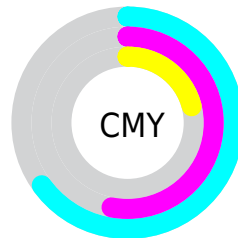


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (65%)

Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0790, -44.7980, 18.9300 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 119.0790, -44.7980, 18.9300 by changing the saturation by 10% instead.

■ 119.0790,
-44.7980, 18.9300

■ 119.0790,
-44.7980, 18.9300

■ 255.0000, -0.0000,
-0.0000

■ 92.8290, -47.0900,
16.4140

■ 172.8020,
-42.4600, 20.6120

■ 64.0020, -55.0670,
12.3010

■ 197.3220,
-32.6010, 12.6390

■ 42.4430, -51.9950,
11.6930

■ 222.4290,
-23.0170, 4.1430

■ 27.8530, -38.4700,
14.3780

■ 248.1230,
-13.7080, -4.8760

■ 9.2680, -23.3410,
21.0350

■ 7.7060, -16.1870,
12.5250

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 119.0790,
-44.7980, 18.9300

■ 119.0790,
-44.7980, 18.9300

■ 104.2940,
-52.5930, 22.5350

■ 133.8640,
-37.0030, 15.3250

■ 90.0960, -60.6630,
25.6170

■ 148.0620,
-28.9330, 12.2430

■ 75.3110, -68.4580,
29.2220

■ 162.8470,
-21.1380, 8.6380

■ 61.1130, -76.5280,
32.3040

■ 177.0450,
-13.0680, 5.5560

■ 55.1990, -79.6460,
33.7460

■ 191.8300, -5.2730,
1.9510

■ 206.3270, 3.3930,
-0.9190

■ 221.1120, 11.1880,
-4.5240

■ 235.8970, 18.9830,
-8.1290

■ 245.9090, 18.7090,
-14.1790

Harmonies

Analogous

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



100.3980, -100.8210, -6.5250



119.0790, -44.7980, 18.9300



125.7280, 5.0830, 34.5470

Triad

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



119.0790, -44.7980, 18.9300



120.2620, 63.9120, 9.1280



94.2810, -71.1960, -42.3320

Complementary

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



119.0790, -44.7980, 18.9300



169.9210, 44.7980, -18.9300

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.



109.6240, -12.0060, -35.7340



119.0790, -44.7980, 18.9300



118.6170, 51.7660, -13.0500

Square

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



119.0790, -44.7980, 18.9300



121.0130, 61.0200, 28.5080



115.5440, 26.5060, -28.8380



99.6560, -84.9530, -29.7930

Rectangle

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



119.0790, -44.7980, 18.9300



125.0100, 30.7120, 38.1360



115.5440, 26.5060, -28.8380



98.0780, -54.5070, -41.9230

Sweetspot

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



119.0790, -44.7980, 18.9300



223.9460, -17.1030, 7.0970



163.5650, -57.0760, -33.9080



109.0730, -10.2710, 4.4250



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.



119.0790, -44.7980, 18.9300



131.0830, -67.8160, 28.6000



108.0580, -21.9690, 40.2310



92.2000, -3.4390, 1.7530



44.9970, -64.6980, 27.1580



9.9740, -14.3060, 5.9660

Inverse Universe

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



125.3210, 57.3970, 33.5970



140.4870, 86.8290, 50.8690



180.6430, 21.3730, -40.4430



92.9190, 4.7220, 2.5300



53.8670, 82.7030, 48.5510



11.9040, 18.2460, 10.7420

Previews

White Background



This preview shows how the YIQ color 119.0790, -44.7980, 18.9300 looks on a white background.

Color Contrast Check

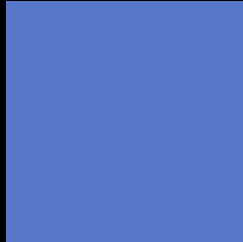
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0790, -44.7980, 18.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

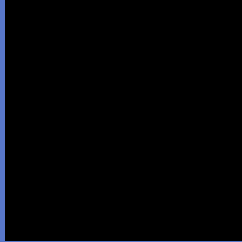
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0790, -44.7980, 18.9300

Background



This preview shows how black text looks on a background with the YIQ color 119.0790, -44.7980, 18.9300.

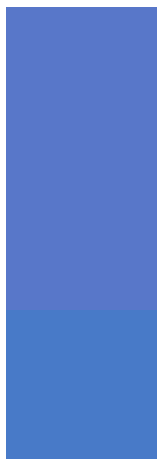


This preview shows how white text looks on a background with the YIQ color 119.0790, -44.7980, 18.9300.

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

119.0790, -44.7980, 18.9300

Protanopia

119.0790, -44.7980, 18.9300

Deuteranopia

115.9420, -54.8380, 13.6580



Tritanopia

113.1070, -43.1420, -11.0940

Trichromacy



Original Color

119.0790, -44.7980, 18.9300

Protanomaly

119.0790, -44.7980, 18.9300

Deuteranomaly

117.1490, -50.9870, 15.4530

Tritanomaly

114.9580, -43.7400, -0.2520

Monochromacy



Original Color

119.0790, -44.7980, 18.9300

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1310, -16.1860, 6.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0790, -44.7980, 18.9300 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(88, 119, 201)` looks like.

```
.text, #text, p{  
    color:rgb(88, 119, 201)  
}
```

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(88, 119, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 119, 201) }
```

Border

The CSS property to change the border of an element to YIQ 119.0790, -44.7980, 18.9300 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(88, 119, 201) }
```


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

```
.border{ border-color:rgb(88, 119, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 119, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 119, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 119, 201);  
box-shadow:4px 4px 4px 4px rgb(88, 119,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0790, -44.7980, 18.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 119, 201) }
```

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

```
.background{ background-color: rgb(88, 119,  
201) }
```

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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