

Converting Colors

YIQ(119.0290, -76.8920,
16.8680)

Have a look what the booklet for
YIQ(119.0290, -76.8920, 16.8680)
contains.

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Color

**YIQ(119.0290, -76.8920,
16.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	3881E9
RGB	56, 129, 233
RGB Percent	22%, 51%, 91%
CMY	0.7804, 0.4940, 0.0867
CMYK	0.76, 0.45, 0.00, 0.09
HSL	215°, 80%, 57%
HSV	215°, 76%, 91%
XYZ	24.1776, 22.4262, 80.0715
YIQ	119.0290, -76.8920, 16.8680

Conversions

Conversions Part 2

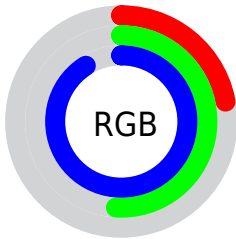
Format	Color
R _Y B	56, 108, 233
Decimal	3703273
CIE Lab	54.48, 13.03, -59.01
CIE LCh	54, 60.435, 282.451
Yxy	22.4262, 0.1909, 0.1770
Android (android.graphics.Color)	4281893353 (0xFF3881E9)
YUV	119.0290, 56.1877, -55.2764
Hunter-Lab	47.3563, 8.2590, -67.1000

Details

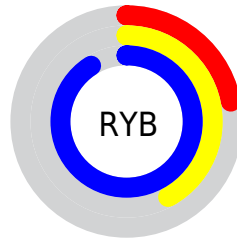
The YIQ color **119.0290, -76.8920, 16.8680** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **169.9710, 76.8920, -16.8680**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9910, -56.5340, 11.3540**, and **67.7250, -79.0920, 12.6840** is the 20% darker color. If you saturate the color by 10%, you get **103.9340, -86.7500, 19.3140**, and if you desaturate by 10%, it is **134.1240, -67.0340, 14.4220**.

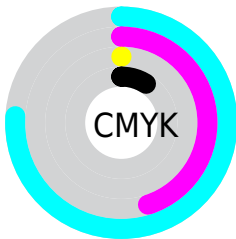
Distribution



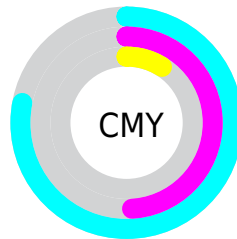
- Red (22%)
- Green (51%)
- Blue (91%)



- Red (22%)
- Yellow (42%)
- Blue (91%)



- Cyan (76%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (78%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0290, -76.8920, 16.8680 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 119.0290, -76.8920, 16.8680 by changing the saturation by 10% instead.

■ 119.0290,
-76.8920, 16.8680

■ 119.0290,
-76.8920, 16.8680

■ 255.0000, -0.0000,
-0.0000

■ 84.3040, -94.0840,
9.0520

■ 172.9910,
-56.5340, 11.3540

■ 67.6110, -78.7710,
12.3730

■ 198.6960,
-45.7580, 3.2820

■ 51.6190, -64.0540,
15.4820

■ 224.4010,
-34.9820, -4.7900

■ 36.3280, -49.9330,
18.3790

■ 244.2360,
-21.4560, -7.6320

■ 22.2110, -36.3620,
20.2300

■ 253.5050, -2.9800,
-1.0600

■ 13.6050, -25.9080,
17.9960

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 119.0290,
-76.8920, 16.8680

■ 119.0290,
-76.8920, 16.8680

■ 103.9340,
-86.7500, 19.3140

■ 134.1240,
-67.0340, 14.4220

■ 89.1270, -97.4790,
21.0250

■ 148.9310,
-56.3050, 12.7110

■ 82.9140,
-101.1930, 22.2550

■ 164.0260,
-46.4470, 10.2650

■ 179.1210,
-36.5890, 7.8190

■ 193.6290,
-26.4560, 5.8960

■ 209.0230,
-16.0020, 3.6620

■ 224.1180, -6.1440,
1.2160

■ 238.6260, 3.9890,
-0.7070

■ 250.7310, 7.8870,
-5.2730

Harmonies

Analogous

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



111.3350, -113.7050, -4.3050



119.0290, -76.8920, 16.8680



133.7740, -0.5580, 43.1700

Triad

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



119.0290, -76.8920, 16.8680



125.6340, 80.6000, 15.0640



100.8690, -73.2120, -49.8520

Complementary

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



119.0290, -76.8920, 16.8680



169.9710, 76.8920, -16.8680

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.



113.6700, -9.6200, -45.9400



119.0290, -76.8920, 16.8680



124.2630, 70.1980, -16.6980

Square

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



119.0290, -76.8920, 16.8680



125.4160, 76.4230, 41.2150



119.9090, 43.9310, -41.7730



108.1990, -91.0960, -34.1040

Rectangle

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



119.0290, -76.8920, 16.8680



131.9540, 34.2860, 50.4620



119.9090, 43.9310, -41.7730



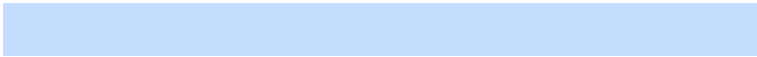
97.6430, -66.8840, -54.4040

Sweetspot

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



119.0290, -76.8920, 16.8680



217.4010, -25.8140, 5.2740



171.6410, -81.7380, -60.5380



104.9090, -15.6810, 3.3510



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.



119.0290, -76.8920, 16.8680



105.8000, -100.8720, 21.9440



80.6630, -47.8770, 58.2270



109.6020, -4.6310, 1.3290



64.6590, -78.7260, 17.0660



19.0700, -23.3840, 5.2880

Inverse Universe

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



117.2450, 82.0590, 60.2270



103.3120, 107.4560, 79.0400



208.3370, 47.8770, -58.2270



109.7450, 5.2720, 3.5760



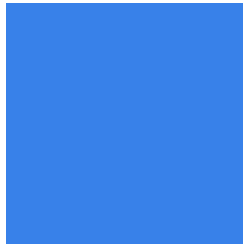
62.6690, 83.8010, 61.6970



18.6540, 25.1220, 18.2900

Previews

White Background



This preview shows how the YIQ color 119.0290, -76.8920, 16.8680 looks on a white background.

Color Contrast Check

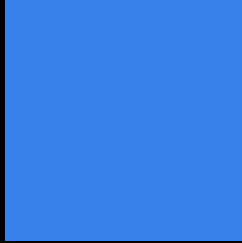
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0290, -76.8920, 16.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

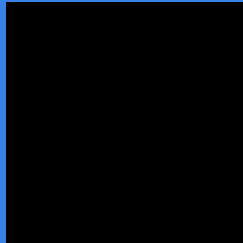
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

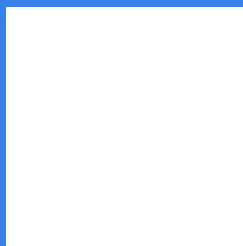
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.0290, -76.8920, 16.8680

Background



This preview shows how black text looks on a background with the YIQ color 119.0290, -76.8920, 16.8680.



This preview shows how white text looks on a background with the YIQ color 119.0290, -76.8920,

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

119.0290, -76.8920, 16.8680

Protanopia

124.4010, -60.2040, 22.8040

Deuteranopia

111.1080, -96.4680, 8.2040



Tritanopia

102.0840, -89.0340, -27.4180

Trichromacy



Original Color

119.0290, -76.8920, 16.8680

Protanomaly

122.4110, -66.1640, 20.6840

Deuteranomaly

114.1090, -89.0410, 11.2710

Tritanomaly

108.4350, -85.0480, -11.5440

Monochromacy



Original Color

119.0290, -76.8920, 16.8680

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1450, -27.9690, 5.7830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0290, -76.8920, 16.8680 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(56, 129, 233)` looks like.

```
.text, #text, p{  
    color:rgb(56, 129, 233)  
}
```

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(56, 129, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 129, 233) }
```

Border

The CSS property to change the border of an element to YIQ 119.0290, -76.8920, 16.8680 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(56, 129, 233) }
```


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

```
.border{ border-color:rgb(56, 129, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 129, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 129, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 129, 233);  
box-shadow:4px 4px 4px 4px rgb(56, 129,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0290, -76.8920, 16.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 129, 233) }
```

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

```
.background{ background-color: rgb(56, 129,  
233) }
```

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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