

Converting Colors

YIQ(115.1190, -59.4700,
20.5140)

Have a look what the booklet for
YIQ(115.1190, -59.4700, 20.5140)
contains.

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Color

**YIQ(115.1190, -59.4700,
20.5140)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4776D8 |
| RGB | 71, 118, 216 |
| RGB Percent | 28%, 46%, 85% |
| CMY | 0.7216, 0.5372, 0.1533 |
| CMYK | 0.67, 0.45, 0.00, 0.15 |
| HSL | 221°, 65%, 56% |
| HSV | 221°, 67%, 85% |
| XYZ | 21.4628, 19.2544, 67.4971 |
| YIQ | 115.1190, -59.4700, 20.5140 |

Conversions

Conversions Part 2

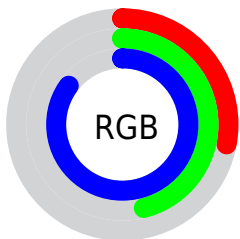
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 71, 106, 216 |
| Decimal | 4683480 |
| CIE _{Lab} | 50.98, 15.75, -55.04 |
| CIE _{LCh} | 51, 57.253, 285.971 |
| Y _{xy} | 19.2544, 0.1983, 0.1779 |
| Android (android.graphics.Color) | 4282873560 (0xFF4776D8) |
| YUV | 115.1190, 49.7343, -38.6924 |
| Hunter-Lab | 43.8799, 10.5191, -60.4854 |

Details

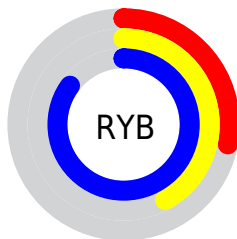
The YIQ color **115.1190, -59.4700, 20.5140** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **171.8810, 59.4700, -20.5140**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9260, -48.7410, 18.8030**, and **59.9170, -70.8850, 12.6270** is the 20% darker color. If you saturate the color by 10%, you get **99.7360, -68.4570, 23.6950**, and if you desaturate by 10%, it is **130.5020, -50.4830, 17.3330**.

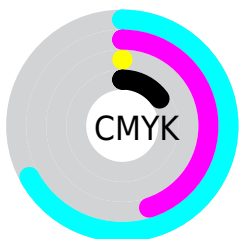
Distribution



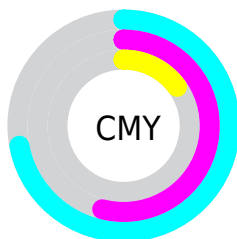
- Red (28%)
- Green (46%)
- Blue (85%)



- Red (28%)
- Yellow (42%)
- Blue (85%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (72%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1190, -59.4700, 20.5140 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 115.1190, -59.4700, 20.5140 by changing the saturation by 10% instead.

■ 115.1190,
-59.4700, 20.5140

■ 115.1190,
-59.4700, 20.5140

■ 255.0000, -0.0000,
-0.0000

■ 85.5800, -68.3180,
15.6660

■ 168.6270,
-49.3370, 18.5910

■ 59.9170, -70.8850,
12.6270

■ 193.4460,
-38.8820, 10.8300

■ 44.0390, -56.4890,
16.0470

■ 218.8520,
-28.7020, 2.5460

■ 29.3350, -42.6430,
18.4210

■ 244.2580,
-18.5220, -5.7380

■ 10.6360, -27.1930,
24.7670

■ 254.7010, -0.5960,
-0.2120

■ 10.2480, -20.5890,
15.2110

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 115.1190,
-59.4700, 20.5140

■ 115.1190,
-59.4700, 20.5140

■ 99.7360, -68.4570,
23.6950

■ 130.5020,
-50.4830, 17.3330

■ 85.2390, -77.1230,
26.5650

■ 144.9990,
-41.8170, 14.4630

■ 69.8560, -86.1100,
29.7460

■ 160.3820,
-32.8300, 11.2820

■ 65.7140, -88.5860,
30.5660

■ 174.8790,
-24.1640, 8.4120

■ 190.2620,
-15.1770, 5.2310

■ 205.6450, -6.1900,
2.0500

■ 220.1420, 2.4760,
-0.8200

■ 235.5250, 11.4630,
-4.0010

■ 247.0320, 14.1690,
-8.9910

Harmonies

Analogous

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



103.2820, -106.1860, -2.9060



115.1190, -59.4700, 20.5140



124.6560, 5.5860, 41.9540

Triad

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



115.1190, -59.4700, 20.5140



117.3620, 75.3740, 10.6540



94.8850, -70.1410, -44.9330

Complementary

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



115.1190, -59.4700, 20.5140



171.8810, 59.4700, -20.5140

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.



104.4290, -16.1310, -43.5790



115.1190, -59.4700, 20.5140



115.4470, 63.6880, -19.8640

Square

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



115.1190, -59.4700, 20.5140



116.4000, 73.3520, 36.2960



111.1840, 35.9070, -39.5250



101.2860, -86.7870, -29.5950

Rectangle

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



115.1190, -59.4700, 20.5140



122.5150, 36.9000, 47.1400



111.1840, 35.9070, -39.5250



91.7730, -64.1340, -49.1740

Sweetspot

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



115.1190, -59.4700, 20.5140



219.7930, -21.0460, 6.9700



167.1730, -71.0120, -45.6680



106.4040, -12.7010, 4.4110



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.



115.1190, -59.4700, 20.5140



110.9270, -84.8720, 29.3360



94.7060, -32.2410, 50.1830



99.6020, -4.6310, 1.3290



51.7790, -70.0160, 24.4160



13.1200, -17.6530, 6.0510

Inverse Universe

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



119.7130, 71.3330, 45.3570



117.5310, 101.8650, 64.7210



192.2940, 32.2410, -50.1830



99.7450, 5.2720, 3.5760



57.3990, 84.2610, 53.3570



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 115.1190, -59.4700, 20.5140 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 115.1190, -59.4700, 20.5140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

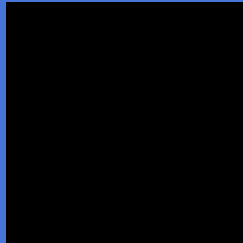
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1190, -59.4700, 20.5140

Background



This preview shows how black text looks on a background with the YIQ color 115.1190, -59.4700, 20.5140.



This preview shows how white text looks on a background with the YIQ color 115.1190, -59.4700,

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

115.1190, -59.4700, 20.5140

Protanopia

115.9020, -57.3610, 20.8390

Deuteranopia

106.5780, -83.1720, 9.5320



Tritanopia

98.4770, -76.8390, -22.6550

Trichromacy



Original Color

115.1190, -59.4700, 20.5140

Protanomaly

115.6030, -57.9570, 20.6270

Deuteranomaly

109.5900, -74.2780, 13.5460

Tritanomaly

104.4970, -70.4230, -6.7670

Monochromacy



Original Color

115.1190, -59.4700, 20.5140

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0210, -21.6880, 7.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1190, -59.4700, 20.5140 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(71, 118, 216)` looks like.

```
.text, #text, p{  
    color:rgb(71, 118, 216)  
}
```

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(71, 118, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 118, 216) }
```

Border

The CSS property to change the border of an element to YIQ 115.1190, -59.4700, 20.5140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

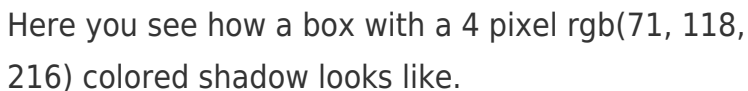
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 118, 216) }
```


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

```
.border{ border-color:rgb(71, 118, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 118, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 118, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 118, 216);  
box-shadow:4px 4px 4px 4px rgb(71, 118,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1190, -59.4700, 20.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 118, 216) }
```

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

```
.background{ background-color: rgb(71, 118,  
216) }
```

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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