

Converting Colors

YIQ(118.8880, -54.7460,
11.9900)

Have a look what the booklet for
YIQ(118.8880, -54.7460, 11.9900)
contains.

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Color

**YIQ(118.8880, -54.7460,
11.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7EC8
RGB	74, 126, 200
RGB Percent	29%, 49%, 78%
CMY	0.7099, 0.5058, 0.2160
CMYK	0.63, 0.37, 0.00, 0.22
HSL	215°, 53%, 54%
HSV	215°, 63%, 78%
XYZ	20.7033, 20.5493, 57.4759
YIQ	118.8880, -54.7460, 11.9900

Conversions

Conversions Part 2

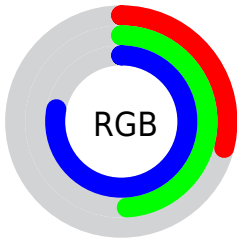
Format	Color
R_{YB}	74, 111, 200
Decimal	4882120
CIE _{Lab}	52.45, 5.79, -43.61
CIE _{LCh}	52, 43.997, 277.558
Yxy	20.5493, 0.2097, 0.2081
Android (android.graphics.Color)	4283072200 (0xFF4A7EC8)
YUV	118.8880, 39.9882, -39.3668
Hunter-Lab	45.3313, 2.1933, -43.4423

Details

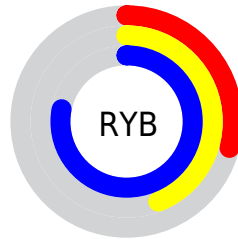
The YIQ color **118.8880, -54.7460, 11.9900** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **155.1120, 54.7460, -11.9900**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3230, -51.5370, 14.4070**, and **62.4300, -68.3160, 4.6120** is the 20% darker color. If you saturate the color by 10%, you get **105.8640, -63.3660, 14.0260**, and if you desaturate by 10%, it is **131.9120, -46.1260, 9.9540**.

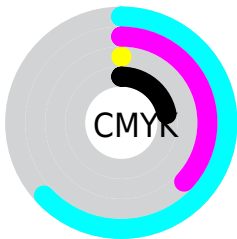
Distribution



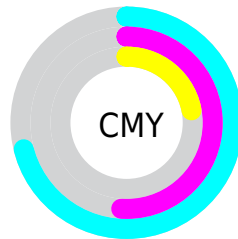
- Red (29%)
- Green (49%)
- Blue (78%)



- Red (29%)
- Yellow (44%)
- Blue (78%)



- Cyan (63%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.8880, -54.7460, 11.9900 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 118.8880, -54.7460, 11.9900 by changing the saturation by 10% instead.

■ 118.8880,
-54.7460, 11.9900

■ 118.8880,
-54.7460, 11.9900

■ 255.0000, -0.0000,
-0.0000

■ 90.8550, -59.1470,
9.1490

■ 173.3230,
-51.5370, 14.4070

■ 62.3160, -67.9950,
4.3010

■ 198.4300,
-41.9530, 5.9110

■ 45.8510, -53.3240,
8.2440

■ 223.5370,
-32.3690, -2.5850

■ 31.2610, -39.7990,
10.9290

■ 244.8340,
-20.2640, -7.2080

■ 15.0240, -25.7700,
15.4940

■ 253.8040, -2.3840,
-0.8480

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 118.8880,
-54.7460, 11.9900

■ 118.8880,
-54.7460, 11.9900

■ 105.8640,
-63.3660, 14.0260

■ 131.9120,
-46.1260, 9.9540

■ 93.4270, -72.2610,
15.5390

■ 144.3490,
-37.2310, 8.4410

■ 80.4030, -80.8810,
17.5750

■ 157.3730,
-28.6110, 6.4050

■ 71.5210, -87.0250,
18.7910

■ 170.3970,
-19.9910, 4.3690

■ 183.4210,
-11.3710, 2.3330

■ 195.8580, -2.4760,
0.8200

■ 208.8820, 6.1440,
-1.2160

■ 221.9060, 14.7640,
-3.2520

■ 234.9300, 23.3840,
-5.2880

Harmonies

Analogous

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



102.5350, -99.9490, -11.3170



118.8880, -54.7460, 11.9900



128.1070, -6.4700, 29.1620

Triad

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



118.8880, -54.7460, 11.9900



124.1570, 60.0140, 13.6940



105.5460, -46.8970, -36.6650

Complementary

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



118.8880, -54.7460, 11.9900



155.1120, 54.7460, -11.9900

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.



116.0170, 0.1890, -30.9710



118.8880, -54.7460, 11.9900



123.3170, 52.9110, -6.2650

Square

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



118.8880, -54.7460, 11.9900



125.6470, 53.3630, 29.6110



120.4680, 32.8320, -22.3360



99.8040, -82.6140, -33.6380

Rectangle

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



118.8880, -54.7460, 11.9900



128.7420, 19.6630, 34.6310



120.4680, 32.8320, -22.3360



110.4790, -27.5950, -34.0510

Sweetspot

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



118.8880, -54.7460, 11.9900



224.2120, -20.9080, 4.4680



156.2840, -58.0830, -43.1950



108.4640, -12.9300, 3.0540



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.



118.8880, -54.7460, 11.9900



130.0760, -84.2740, 18.4940



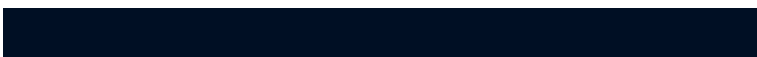
91.3540, -34.4860, 41.3060



93.3740, -3.9890, 0.7070



57.9110, -70.7480, 15.6520



12.9090, -15.6810, 3.3510

Inverse Universe

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



117.6020, 58.4040, 42.8840



128.1260, 89.9440, 66.0080



182.3470, 33.8900, -41.5180



93.1470, 4.0800, 3.1520



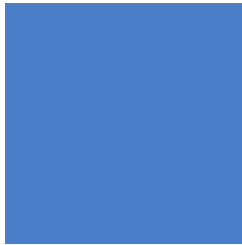
56.3750, 75.6410, 55.3930



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 118.8880, -54.7460, 11.9900 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 118.8880, -54.7460, 11.9900 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 118.8880, -54.7460, 11.9900

Background



This preview shows how black text looks on a background with the YIQ color 118.8880, -54.7460, 11.9900.

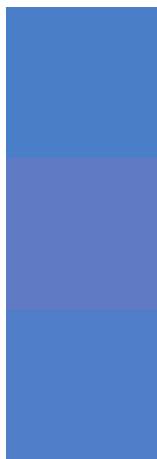


This preview shows how white text looks on a background with the YIQ color 118.8880, -54.7460, 11.9900.

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

118.8880, -54.7460, 11.9900

Protanopia

122.9610, -38.6540, 17.7140

Deuteranopia

120.0950, -50.8950, 13.7850



Tritanopia

111.3440, -57.1710, -15.6590

Trichromacy



Original Color

118.8880, -54.7460, 11.9900

Protanomaly

121.2700, -44.0180, 15.8060

Deuteranomaly

119.4970, -52.0870, 13.3610

Tritanomaly

114.1520, -56.2100, -5.5380

Monochromacy



Original Color

118.8880, -54.7460, 11.9900

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2830, -19.6700, 4.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.8880, -54.7460, 11.9900 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(74, 126, 200)` looks like.

```
.text, #text, p{  
    color:rgb(74, 126, 200)  
}
```

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(74, 126, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 126, 200) }
```

Border

The CSS property to change the border of an element to YIQ 118.8880, -54.7460, 11.9900 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(74, 126, 200) }
```


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

```
.border{ border-color:rgb(74, 126, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 126, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 126, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 126, 200);  
box-shadow:4px 4px 4px 4px rgb(74, 126,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 118.8880, -54.7460, 11.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 126, 200) }
```

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

```
.background{ background-color: rgb(74, 126,  
200) }
```

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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