

Converting Colors

YIQ(118.6040, -59.6980,
13.6300)

Have a look what the booklet for
YIQ(118.6040, -59.6980, 13.6300)
contains.

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Color

**YIQ(118.6040, -59.6980,
13.6300)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 467ED0 |
| RGB | 70, 126, 208 |
| RGB Percent | 27%, 49%, 82% |
| CMY | 0.7255, 0.5058, 0.1846 |
| CMYK | 0.66, 0.39, 0.00, 0.18 |
| HSL | 216°, 59%, 54% |
| HSV | 216°, 66%, 82% |
| XYZ | 21.3639, 20.7794, 62.5099 |
| YIQ | 118.6040, -59.6980, 13.6300 |

Conversions

Conversions Part 2

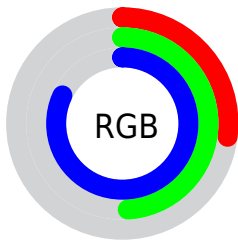
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 70, 110, 208 |
| Decimal | 4619984 |
| CIE Lab | 52.71, 7.86, -47.76 |
| CIE LCh | 53, 48.405, 279.340 |
| Yxy | 20.7794, 0.2041, 0.1986 |
| Android (android.graphics.Color) | 4282810064 (0xFF467ED0) |
| YUV | 118.6040, 44.0722, -42.6257 |
| Hunter-Lab | 45.5844, 3.8843, -49.3953 |

Details

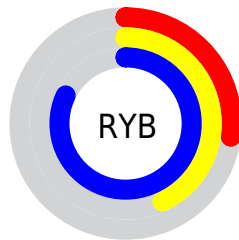
The YIQ color **118.6040, -59.6980, 13.6300** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **159.3960, 59.6980, -13.6300**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.7250, -52.7290, 13.9830**, and **63.2280, -70.5630, 6.7890** is the 20% darker color. If you saturate the color by 10%, you get **105.2810, -68.9140, 15.4540**, and if you desaturate by 10%, it is **131.9270, -50.4820, 11.8060**.

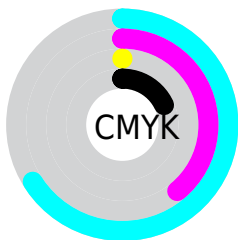
Distribution



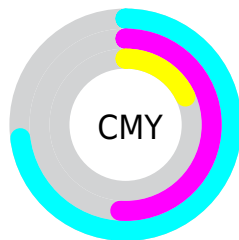
- Red (27%)
- Green (49%)
- Blue (82%)



- Red (27%)
- Yellow (43%)
- Blue (82%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (18%)



- Cyan (73%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.6040, -59.6980, 13.6300 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 118.6040, -59.6980, 13.6300 by changing the saturation by 10% instead.

■ 118.6040,
-59.6980, 13.6300

■ 118.6040,
-59.6980, 13.6300

■ 255.0000, -0.0000,
-0.0000

■ 89.0760, -67.0790,
9.7290

■ 172.7250,
-52.7290, 13.9830

■ 63.2280, -70.5630,
6.7890

■ 198.1310,
-42.5490, 5.6990

■ 47.3500, -56.1670,
10.2090

■ 223.2380,
-32.9650, -2.7970

■ 32.0590, -42.0460,
13.1060

■ 244.5350,
-20.8600, -7.4200

■ 16.4090, -28.2920,
17.1480

■ 253.5050, -2.9800,
-1.0600

■ 8.9770, -18.3880,
13.8680

■ 4.7080, -10.5010,

8.5950

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 118.6040,
-59.6980, 13.6300

■ 118.6040,
-59.6980, 13.6300

■ 105.2810,
-68.9140, 15.4540

■ 131.9270,
-50.4820, 11.8060

■ 91.3710, -77.8550,
17.8010

■ 145.8370,
-41.5410, 9.4590

■ 78.3470, -86.4750,
19.8370

■ 158.8610,
-32.9210, 7.4230

■ 73.0200, -89.8680,
20.7560

■ 172.1840,
-23.7050, 5.5990

■ 186.0940,
-14.7640, 3.2520

■ 199.4170, -5.5480,
1.4280

■ 212.7400, 3.6680,
-0.3960

■ 226.3510, 12.0130,
-2.9550

■ 239.0760, 20.0370,
-5.2030

Harmonies

Analogous

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



104.1480, -103.1130, -9.0410



118.6040, -59.6980, 13.6300



128.9980, -4.5450, 32.8230

Triad

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



118.6040, -59.6980, 13.6300



124.0930, 66.0660, 14.1460



95.3580, -70.0950, -45.7670

Complementary

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



118.6040, -59.6980, 13.6300



159.3960, 59.6980, -13.6300

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.



114.8270, -2.3320, -34.8440



118.6040, -59.6980, 13.6300



123.0030, 56.6710, -8.3290

Square

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



118.6040, -59.6980, 13.6300



125.0500, 59.5980, 32.2540



120.0180, 33.9790, -26.6050



101.4340, -84.4480, -33.4400

Rectangle

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



118.6040, -59.6980, 13.6300



129.1170, 23.1010, 38.4050



120.0180, 33.9790, -26.6050



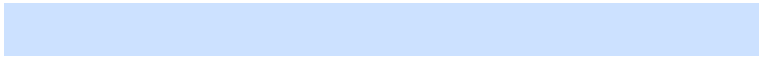
107.8260, -36.1220, -39.2100

Sweetspot

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



118.6040, -59.6980, 13.6300



222.1410, -22.1460, 4.8780



160.1260, -63.6300, -47.2940



107.5780, -13.2510, 3.3650



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.



118.6040, -59.6980, 13.6300



122.9770, -88.3090, 20.0350



89.0210, -37.7420, 45.2500



97.6020, -4.6310, 1.3290



59.0680, -72.6280, 16.6840



14.6530, -17.8360, 3.8600

Inverse Universe

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



117.6460, 64.2720, 46.6720



121.4580, 94.9410, 69.0610



188.6800, 37.1460, -45.4620



97.7450, 5.2720, 3.5760



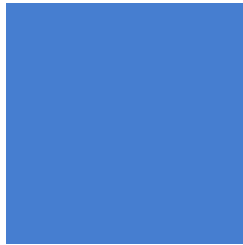
57.9840, 78.3000, 56.7640



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 118.6040, -59.6980, 13.6300 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 118.6040, -59.6980, 13.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

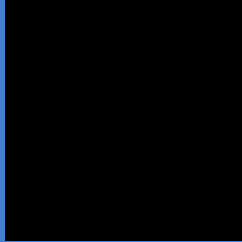
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

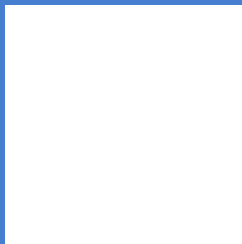
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.6040, -59.6980, 13.6300

Background



This preview shows how black text looks on a background with the YIQ color 118.6040, -59.6980, 13.6300.



This preview shows how white text looks on a background with the YIQ color 118.6040, -59.6980, 13.6300.

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

118.6040, -59.6980, 13.6300

Protanopia

122.4920, -44.5230, 19.4530

Deuteranopia

118.6040, -59.6980, 13.6300



Tritanopia

107.6740, -67.0280, -18.7400

Trichromacy



Original Color

118.6040, -59.6980, 13.6300

Protanomaly

120.8010, -49.8870, 17.5450

Deuteranomaly

118.6040, -59.6980, 13.6300

Tritanomaly

111.9060, -64.3250, -7.1490

Monochromacy



Original Color

118.6040, -59.6980, 13.6300

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0270, -21.8250, 4.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.6040, -59.6980, 13.6300 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(70, 126, 208)` looks like.

```
.text, #text, p{  
    color:rgb(70, 126, 208)  
}
```

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(70, 126, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 126, 208) }
```

Border

The CSS property to change the border of an element to YIQ 118.6040, -59.6980, 13.6300 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(70, 126, 208) }
```


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

```
.border{ border-color:rgb(70, 126, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 126, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 126, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 126, 208);  
box-shadow:4px 4px 4px 4px rgb(70, 126,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 118.6040, -59.6980, 13.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 126, 208) }
```

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

```
.background{ background-color: rgb(70, 126,  
208) }
```

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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