

Converting Colors

YIQ(119.8420, -49.1050, 3.3670)

Have a look what the booklet for
YIQ(119.8420, -49.1050, 3.3670)
contains.

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Color

**YIQ(119.8420, -49.1050,
3.3670)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4B83B4 |
| RGB | 75, 131, 180 |
| RGB Percent | 29%, 51%, 71% |
| CMY | 0.7060, 0.4862, 0.2943 |
| CMYK | 0.58, 0.27, 0.00, 0.29 |
| HSL | 208°, 41%, 50% |
| HSV | 208°, 58%, 71% |
| XYZ | 19.2513, 21.0266, 46.1922 |
| YIQ | 119.8420, -49.1050, 3.3670 |

Conversions

Conversions Part 2

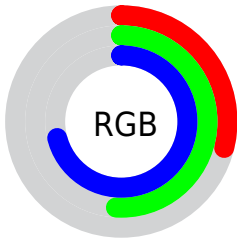
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 75, 112, 180 |
| Decimal | 4948916 |
| CIE Lab | 52.98, -3.69, -31.35 |
| CIE LCh | 53, 31.567, 263.296 |
| Yxy | 21.0266, 0.2226, 0.2432 |
| Android (android.graphics.Color) | 4283138996 (0xFF4B83B4) |
| YUV | 119.8420, 29.6579, -39.3264 |
| Hunter-Lab | 45.8548, -5.3061, -27.6279 |

Details

The YIQ color **119.8420, -49.1050, 3.3670** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **135.1580, 49.1050, -3.3670**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.0810, -48.2800, 4.9360**, and **62.6120, -63.3170, -3.3890** is the 20% darker color. If you saturate the color by 10%, you get **109.7640, -57.6330, 3.7350**, and if you desaturate by 10%, it is **129.9200, -40.5770, 2.9990**.

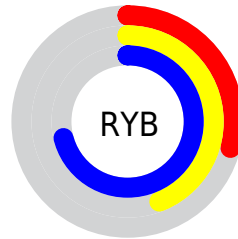
Distribution



Red (29%)

Green (51%)

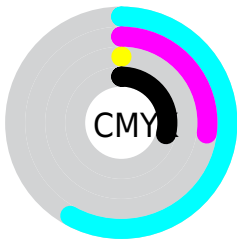
Blue (71%)



Red (29%)

Yellow (44%)

Blue (71%)

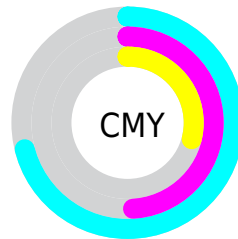


Cyan (58%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8420, -49.1050, 3.3670 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 119.8420, -49.1050, 3.3670 by changing the saturation by 10% instead.

■ 119.8420,
-49.1050, 3.3670

■ 119.8420,
-49.1050, 3.3670

■ 255.0000, -0.0000,
-0.0000

■ 92.8200, -52.0390,
1.4730

■ 174.0810,
-48.2800, 4.9360

■ 62.6120, -63.3170,
-3.3890

■ 200.7670,
-44.5200, 2.8720

■ 46.2610, -48.9670,
0.8650

■ 226.1620,
-35.8070, -6.3590

■ 31.0840, -35.1670,
4.0730

■ 243.6380,
-22.6480, -8.0560

■ 16.1350, -22.0090,
7.9030

■ 252.6080, -4.7680,
-1.6960

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 119.8420,
-49.1050, 3.3670

■ 119.8420,
-49.1050, 3.3670

■ 109.7640,
-57.6330, 3.7350

■ 129.9200,
-40.5770, 2.9990

■ 99.0990, -65.8860,
4.6260

■ 140.5850,
-32.3240, 2.1080

■ 89.0210, -74.4140,
4.9940

■ 150.6630,
-23.7960, 1.7400

■ 78.3560, -82.6670,
5.8850

■ 161.3280,
-15.5430, 0.8490

■ 76.8720, -84.1800,
5.7720

■ 171.4060, -7.0150,
0.4810

■ 181.4840, 1.5130,
0.1130

■ 192.1490, 9.7660,
-0.7780

■ 202.2270, 18.2940,
-1.1460

■ 212.3050, 26.8220,
-1.5140

Harmonies

Analogous

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



105.0560, -82.6630, -16.2230



119.8420, -49.1050, 3.3670



127.8570, -17.9300, 16.5820

Triad

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



119.8420, -49.1050, 3.3670



127.8270, 43.5080, 15.4760



118.2300, -13.2920, -23.4360

Complementary

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



119.8420, -49.1050, 3.3670



135.1580, 49.1050, -3.3670

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.



122.3380, 12.8870, -18.8010



119.8420, -49.1050, 3.3670



126.7370, 43.2810, 3.0650

Square

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



119.8420, -49.1050, 3.3670



129.8230, 32.1360, 23.3360



125.2590, 32.4630, -10.1370



112.4790, -44.7900, -25.2860

Rectangle

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



119.8420, -49.1050, 3.3670



129.7840, 1.5090, 22.2210



125.2590, 32.4630, -10.1370



120.1340, -4.2140, -22.7580

Sweetspot

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



119.8420, -49.1050, 3.3670



211.8870, -18.6150, 1.4570



141.9930, -43.9620, -40.2980



103.6660, -10.6830, 0.8770



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.8420, -49.1050, 3.3670



140.4660, -77.1650, 5.2910



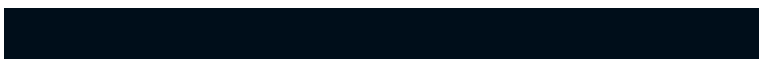
89.9050, -35.0800, 30.0400



83.9610, -4.2640, 0.1840



65.5760, -71.6630, 4.6970



11.1820, -12.1960, 0.7640

Inverse Universe

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



112.7790, 44.6040, 39.6760



129.3670, 70.0920, 62.3480



165.0950, 35.0800, -30.0400



83.2610, 3.7590, 3.4630



55.0950, 64.8660, 57.9380



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 119.8420, -49.1050, 3.3670 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 119.8420, -49.1050, 3.3670 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 119.8420, -49.1050, 3.3670

Background



This preview shows how black text looks on a background with the YIQ color 119.8420, -49.1050, 3.3670.

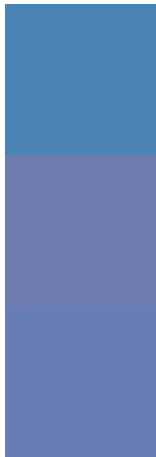


This preview shows how white text looks on a background with the YIQ color 119.8420, -49.1050,

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

119.8420, -49.1050, 3.3670

Protanopia

125.9270, -24.1190, 13.1050

Deuteranopia

125.1050, -30.4920, 12.9640



Tritanopia

115.8290, -48.2310, -12.4790

Trichromacy



Original Color

119.8420, -49.1050, 3.3670

Protanomaly

124.0290, -33.3340, 9.4020

Deuteranomaly

122.9900, -37.5980, 9.5860

Tritanomaly

117.5180, -48.5530, -6.6410

Monochromacy



Original Color

119.8420, -49.1050, 3.3670

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0720, -17.6980, 1.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8420, -49.1050, 3.3670 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(75, 131, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 131, 180)  
}
```

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(75, 131, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 131, 180) }
```

Border

The CSS property to change the border of an element to YIQ 119.8420, -49.1050, 3.3670 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(75, 131, 180) }
```


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

```
.border{ border-color:rgb(75, 131, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 131, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 131, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 131, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 131,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8420, -49.1050, 3.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 131, 180) }
```

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

```
.background{ background-color: rgb(75, 131,  
180) }
```

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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