

Converting Colors

YIQ(119.0700, -49.7470, 3.9890)

Have a look what the booklet for
YIQ(119.0700, -49.7470, 3.9890)
contains.

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Color

**YIQ(119.0700, -49.7470,
3.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	4A82B5
RGB	74, 130, 181
RGB Percent	29%, 51%, 71%
CMY	0.7099, 0.4901, 0.2904
CMYK	0.59, 0.28, 0.00, 0.29
HSL	209°, 42%, 50%
HSV	209°, 59%, 71%
XYZ	19.1421, 20.7601, 46.6818
YIQ	119.0700, -49.7470, 3.9890

Conversions

Conversions Part 2

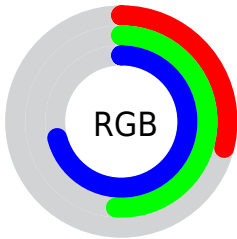
Format	Color
R_{YB}	74, 111, 181
Decimal	4883125
CIE _{Lab}	52.69, -2.98, -32.38
CIE _{LCh}	53, 32.521, 264.744
Yxy	20.7601, 0.2211, 0.2398
Android (android.graphics.Color)	4283073205 (0xFF4A82B5)
YUV	119.0700, 30.5315, -39.5264
Hunter-Lab	45.5633, -4.7439, -28.8512

Details

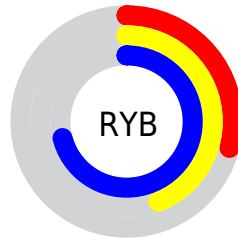
The YIQ color **119.0700, -49.7470, 3.9890** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **135.9300, 49.7470, -3.9890**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6080, -48.3260, 5.7700**, and **62.1390, -63.3630, -2.5550** is the 20% darker color. If you saturate the color by 10%, you get **108.4050, -58.0000, 4.8800**, and if you desaturate by 10%, it is **129.7350, -41.4940, 3.0980**.

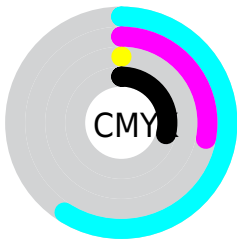
Distribution



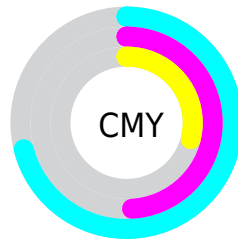
- Red (29%)
- Green (51%)
- Blue (71%)



- Red (29%)
- Yellow (44%)
- Blue (71%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0700, -49.7470, 3.9890 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 119.0700, -49.7470, 3.9890 by changing the saturation by 10% instead.

■ 119.0700,
-49.7470, 3.9890

■ 119.0700,
-49.7470, 3.9890

■ 255.0000, -0.0000,
-0.0000

■ 92.0480, -52.6810,
2.0950

■ 173.6080,
-48.3260, 5.7700

■ 62.1390, -63.3630,
-2.5550

■ 199.8810,
-44.8410, 3.1830

■ 45.6740, -48.6920,
1.3880

■ 225.5750,
-35.5320, -5.8360

■ 30.6110, -35.2130,
4.9070

■ 243.6380,
-22.6480, -8.0560

■ 15.6620, -22.0550,
8.7370

■ 252.3090, -5.3640,
-1.9080

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 119.0700,
-49.7470, 3.9890

■ 119.0700,
-49.7470, 3.9890

■ 108.4050,
-58.0000, 4.8800

■ 129.7350,
-41.4940, 3.0980

■ 98.3270, -66.5280,
5.2480

■ 139.8130,
-32.9660, 2.7300

■ 87.6620, -74.7810,
6.1390

■ 150.4780,
-24.7130, 1.8390

■ 77.5840, -83.3090,
6.5070

■ 160.5560,
-16.1850, 1.4710

■ 76.3990, -84.2260,
6.6060

■ 171.2210, -7.9320,
0.5800

■ 182.1850, 0.9170,
-0.0990

■ 192.2630, 9.4450,
-0.4670

■ 202.9280, 17.6980,
-1.3580

■ 213.5930, 25.9510,
-2.2490

Harmonies

Analogous

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



99.9130, -92.5660, -18.4700



119.0700, -49.7470, 3.9890



126.6830, -17.3800, 17.6280

Triad

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



119.0700, -49.7470, 3.9890



127.0120, 44.4250, 15.3770



117.0340, -15.6760, -24.2840

Complementary

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



119.0700, -49.7470, 3.9890



135.9300, 49.7470, -3.9890

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.



121.2130, 11.7410, -20.0590



119.0700, -49.7470, 3.9890



126.0960, 43.6480, 1.9200

Square

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



119.0700, -49.7470, 3.9890



128.7200, 33.9240, 23.9720



123.8460, 32.1880, -10.6600



109.9130, -49.0080, -25.9360

Rectangle

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



119.0700, -49.7470, 3.9890



128.9090, 2.6550, 23.4790



123.8460, 32.1880, -10.6600



118.5360, -5.4060, -23.1820

Sweetspot

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



119.0700, -49.7470, 3.9890



209.8160, -19.8530, 1.8670



142.5090, -45.4750, -40.4110



102.1820, -12.1960, 0.7640



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.



119.0700, -49.7470, 3.9890



138.1070, -77.5320, 6.4360



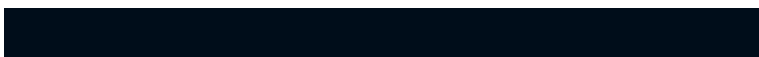
88.5460, -35.4470, 31.1850



83.9610, -4.2640, 0.1840



64.4020, -71.1130, 5.7430



10.5950, -11.9210, 1.2870

Inverse Universe

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



112.3770, 45.7960, 40.1000



127.8510, 71.6050, 62.4610



166.4540, 35.4470, -31.1850



83.2610, 3.7590, 3.4630



54.8670, 65.5080, 57.3160



9.2560, 11.3230, 9.5550

Previews

White Background



This preview shows how the YIQ color 119.0700, -49.7470, 3.9890 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 119.0700, -49.7470, 3.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

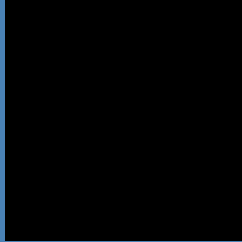
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0700, -49.7470, 3.9890

Background



This preview shows how black text looks on a background with the YIQ color 119.0700, -49.7470, 3.9890.

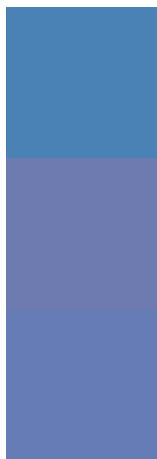


This preview shows how white text looks on a background with the YIQ color 119.0700, -49.7470,

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

119.0700, -49.7470, 3.9890

Protanopia

124.8560, -25.3570, 13.5150

Deuteranopia

124.0340, -31.7300, 13.3740



Tritanopia

114.5300, -48.8270, -12.6910

Trichromacy



Original Color

119.0700, -49.7470, 3.9890

Protanomaly

122.9580, -34.5720, 9.8120

Deuteranomaly

122.2180, -38.2400, 10.2080

Tritanomaly

116.2190, -49.1490, -6.8530

Monochromacy



Original Color

119.0700, -49.7470, 3.9890

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1860, -18.0190, 1.6690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0700, -49.7470, 3.9890 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, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(74, 130, 181)  
}
```

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, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 130, 181) }
```

Border

The CSS property to change the border of an element to YIQ 119.0700, -49.7470, 3.9890 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, 130, 181) }
```


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

```
.border{ border-color:rgb(74, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 130, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 130, 181); box-shadow:4px 4px 4px 4px rgb(74, 130, 181) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0700, -49.7470, 3.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 130, 181) }
```

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

```
.background{ background-color: rgb(74, 130,  
181) }
```

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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