

Converting Colors

YIQ(121.3450, -57.7710, 6.2370)

Have a look what the booklet for
YIQ(121.3450, -57.7710, 6.2370)
contains.

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Color

**YIQ(121.3450, -57.7710,
6.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	4685C4
RGB	70, 133, 196
RGB Percent	27%, 52%, 77%
CMY	0.7256, 0.4783, 0.2316
CMYK	0.64, 0.32, 0.00, 0.23
HSL	210°, 52%, 52%
HSV	210°, 64%, 77%
XYZ	20.8707, 22.0657, 55.3413
YIQ	121.3450, -57.7710, 6.2370

Conversions

Conversions Part 2

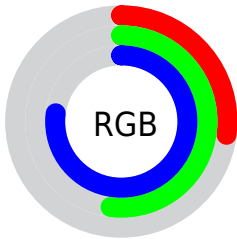
Format	Color
RYP	70, 112, 196
Decimal	4621764
CIELab	54.10, -0.49, -38.75
CIElCh	54, 38.757, 269.274
Yxy	22.0657, 0.2124, 0.2245
Android (android.graphics.Color)	4282811844 (0xFF4685C4)
YUV	121.3450, 36.8049, -45.0296
Hunter-Lab	46.9741, -2.8970, -36.9691

Details

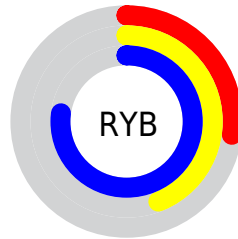
The YIQ color **121.3450, -57.7710, 6.2370** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **144.6550, 57.7710, -6.2370**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5950, -55.4790, 8.7530**, and **65.4960, -68.6820, 0.2300** is the 20% darker color. If you saturate the color by 10%, you get **109.4950, -66.9410, 7.2270**, and if you desaturate by 10%, it is **133.1950, -48.6010, 5.2470**.

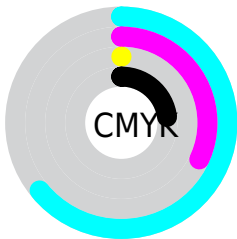
Distribution



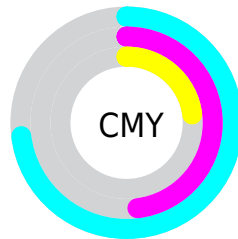
- Red (27%)
- Green (52%)
- Blue (77%)



- Red (27%)
- Yellow (44%)
- Blue (77%)



- Cyan (64%)
- Magenta (32%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.3450, -57.7710, 6.2370 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 121.3450, -57.7710, 6.2370 by changing the saturation by 10% instead.

■ 121.3450,
-57.7710, 6.2370

■ 121.3450,
-57.7710, 6.2370

■ 255.0000, -0.0000,
-0.0000

■ 92.7140, -63.3640,
2.9720

■ 176.5950,
-55.4790, 8.7530

■ 65.4960, -68.6820,
0.2300

■ 201.3430,
-46.2620, 1.4020

■ 49.0310, -54.0110,
4.1730

■ 227.3360,
-36.3570, -7.4050

■ 33.8540, -40.2110,
7.3810

■ 243.6380,
-22.6480, -8.0560

■ 18.7910, -26.7320,
10.9000

■ 252.6080, -4.7680,
-1.6960

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 121.3450,
-57.7710, 6.2370

■ 121.3450,
-57.7710, 6.2370

■ 109.4950,
-66.9410, 7.2270

■ 133.1950,
-48.6010, 5.2470

■ 97.9440, -75.5150,
8.4290

■ 144.7460,
-40.0270, 4.0450

■ 86.6810, -84.9600,
8.8960

■ 156.0090,
-30.5820, 3.5780

■ 79.8700, -89.8660,
9.7020

■ 167.5600,
-22.0080, 2.3760

■ 179.4100,
-12.8380, 1.3860

■ 191.2600, -3.6680,
0.3960

■ 202.8110, 4.9060,
-0.8060

■ 214.0740, 14.3510,
-1.2730

■ 225.6250, 22.9250,
-2.4750

Harmonies

Analogous

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



104.5580, -98.7560, -16.4200



121.3450, -57.7710, 6.2370



131.6280, -15.5470, 22.9570

Triad

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



121.3450, -57.7710, 6.2370



129.9160, 53.5030, 16.0550



117.0820, -24.7990, -29.6550

Complementary

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



121.3450, -57.7710, 6.2370



144.6550, 57.7710, -6.2370

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.



122.9690, 9.3120, -25.6000



121.3450, -57.7710, 6.2370



128.6360, 50.7550, -0.2290

Square

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



121.3450, -57.7710, 6.2370



131.6180, 43.1390, 27.6750



126.3530, 34.8940, -15.6500



100.1800, -80.9170, -36.8610

Rectangle

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



121.3450, -57.7710, 6.2370



133.0070, 8.4310, 28.9350



126.3530, 34.8940, -15.6500



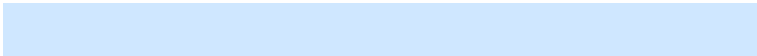
119.8400, -12.3740, -29.0620

Sweetspot

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



121.3450, -57.7710, 6.2370



226.5600, -22.0080, 2.3760



150.9160, -54.2310, -46.9270



110.2250, -13.7550, 1.4850



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.



121.3450, -57.7710, 6.2370



138.8700, -89.8660, 9.7020



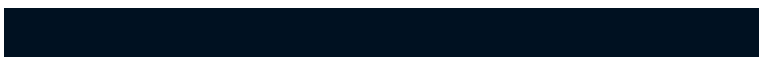
85.5380, -40.9960, 38.1400



91.0750, -4.5850, 0.4950



65.3140, -73.6810, 8.2310



13.7410, -15.2680, 1.3720

Inverse Universe

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



114.8560, 54.8730, 46.3050



128.7760, 85.3580, 72.0300



180.4620, 40.9960, -38.1400



90.5600, 4.3550, 3.6750



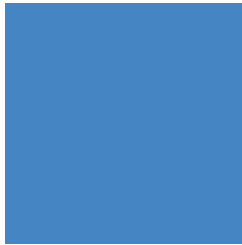
57.2590, 70.2760, 59.0120



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 121.3450, -57.7710, 6.2370 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 121.3450, -57.7710, 6.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

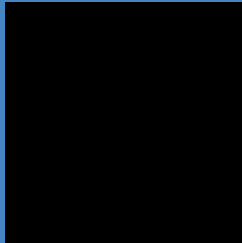
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.3450, -57.7710, 6.2370

Background



This preview shows how black text looks on a background with the YIQ color 121.3450, -57.7710, 6.2370.

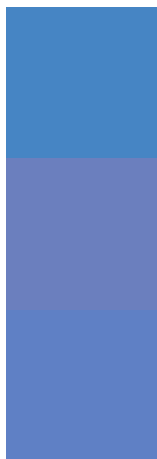


This preview shows how white text looks on a background with the YIQ color 121.3450, -57.7710,

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

121.3450, -57.7710, 6.2370

Protanopia

128.2020, -32.1430, 15.3530

Deuteranopia

125.9990, -41.8170, 14.4630



Tritanopia

114.2620, -59.8760, -16.1960

Trichromacy



Original Color

121.3450, -57.7710, 6.2370

Protanomaly

125.7170, -41.0830, 12.1730

Deuteranomaly

124.4820, -47.7310, 11.5090

Tritanomaly

116.7170, -59.4190, -7.9550

Monochromacy



Original Color

121.3450, -57.7710, 6.2370

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7450, -21.0910, 2.2770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3450, -57.7710, 6.2370 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, 133, 196)` looks like.

```
.text, #text, p{  
    color:rgb(70, 133, 196)  
}
```

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, 133, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 133, 196) }
```

Border

The CSS property to change the border of an element to YIQ 121.3450, -57.7710, 6.2370 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, 133, 196) }
```


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

```
.border{ border-color:rgb(70, 133, 196) }
```

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

Here you see how a box with a 4 pixel rgb(70, 133, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 133, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 133, 196);  
box-shadow:4px 4px 4px 4px rgb(70, 133,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3450, -57.7710, 6.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 133, 196) }
```

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

```
.background{ background-color: rgb(70, 133,  
196) }
```

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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