

# Converting Colors

YIQ(141.3450, -57.7710, 6.2370)

Have a look what the booklet for  
YIQ(141.3450, -57.7710, 6.2370)  
contains.

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# Color

**YIQ(141.3450, -57.7710,  
6.2370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A99D8
RGB	90, 153, 216
RGB Percent	35%, 60%, 85%
CMY	0.6471, 0.3999, 0.1532
CMYK	0.58, 0.29, 0.00, 0.15
HSL	210°, 62%, 60%
HSV	210°, 58%, 85%
XYZ	27.9948, 29.9176, 69.2169
YIQ	141.3450, -57.7710, 6.2370

# Conversions

## Conversions Part 2

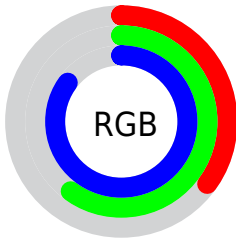
Format	Color
R <sub>Y</sub> B	90, 132, 216
Decimal	5937624
CIE Lab	61.58, -1.74, -38.20
CIE LCh	62, 38.243, 267.396
Yxy	29.9176, 0.2202, 0.2353
Android (android.graphics.Color)	4284127704 (0xFF5A99D8)
YUV	141.3450, 36.8049, -45.0296
Hunter-Lab	54.6970, -4.3606, -36.7412

# Details

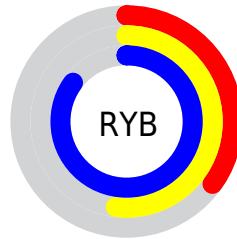
The YIQ color **141.3450, -57.7710, 6.2370** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **164.6550, 57.7710, -6.2370**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.1300, -49.9760, 2.6320**, and **82.4140, -71.3870, -0.3070** is the 20% darker color. If you saturate the color by 10%, you get **128.3100, -67.8580, 7.3260**, and if you desaturate by 10%, it is **154.3800, -47.6840, 5.1480**.

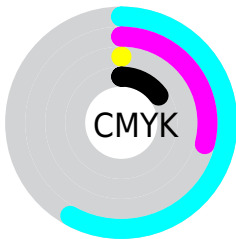
# Distribution



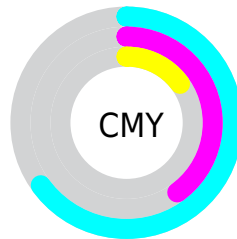
- Red (35%)
- Green (60%)
- Blue (85%)



- Red (35%)
- Yellow (52%)
- Blue (85%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (40%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 141.3450, -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 141.3450, -57.7710, 6.2370 by changing the saturation by 10% instead.



■ 141.3450,  
-57.7710, 6.2370

■ 141.3450,  
-57.7710, 6.2370

■ 255.0000, -0.0000,  
-0.0000

■ 113.3230,  
-60.7050, 4.3430

■ 195.1300,  
-49.9760, 2.6320

■ 82.4140, -71.3870,  
-0.3070

■ 220.2370,  
-40.3920, -5.8640

■ 61.6490, -64.7390,  
0.3570

■ 240.6480,  
-28.6080, -10.1760

■ 45.2980, -50.3890,  
4.6110

■ 249.6180,  
-10.7280, -3.8160

■ 30.1210, -36.5890,  
7.8190

■ 14.5850, -23.1560,  
12.1720

■ 6.0930, -13.0230,

10.2490

■ 2.2970, -5.0900,  
4.1420

■ 0.0000, 0.0000,  
0.0000

■ 141.3450,  
-57.7710, 6.2370

■ 141.3450,  
-57.7710, 6.2370

■ 128.3100,  
-67.8580, 7.3260

■ 154.3800,  
-47.6840, 5.1480

■ 115.5740,  
-77.3490, 8.6270

■ 167.1160,  
-38.1930, 3.8470

■ 103.1260,  
-87.7110, 9.1930

■ 179.5640,  
-27.8310, 3.2810

■ 90.3900, -97.2020,  
10.4940

■ 192.3000,  
-18.3400, 1.9800

■ 88.0200, -99.0360,  
10.6920

■ 205.3350, -8.2530,  
0.8910

■ 218.3700, 1.8340,  
-0.1980

■ 231.1060, 11.3250,  
-1.4990

■ 241.1620, 16.9190,  
-3.7610

■ 247.6190, 13.8940,  
-9.5140

# Harmonies

## Analogous

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



118.4640, -110.3550, -20.9710



141.3450, -57.7710, 6.2370



150.8450, -17.6560, 22.6320

# Triad

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



141.3450, -57.7710, 6.2370



150.0410, 54.6490, 17.3130



137.6370, -22.0480, -29.9520

# Complementary

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



141.3450, -57.7710, 6.2370



164.6550, 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.



143.0510, 12.0170, -25.0630



141.3450, -57.7710, 6.2370



148.7610, 51.9010, 1.0290

# Square

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



141.3450, -57.7710, 6.2370



151.8460, 42.4970, 28.2970



146.5490, 37.2780, -14.8020



126.8290, -66.5670, -32.6070



# Rectangle

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



141.3450, -57.7710, 6.2370



153.2240, 6.3220, 28.6100



146.5490, 37.2780, -14.8020



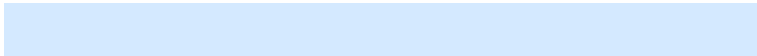
139.6230, -10.2650, -28.7370

# Sweetspot

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



141.3450, -57.7710, 6.2370



229.2290, -19.5780, 2.3900



170.9160, -54.2310, -46.9270



112.5950, -11.9210, 1.2870



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

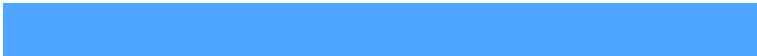


# Same Dimension

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



141.3450, -57.7710, 6.2370



149.5350, -81.6130, 8.8110



105.5380, -40.9960, 38.1400



100.7760, -5.1810, 0.2830



69.9760, -78.5410, 8.2030



17.8160, -19.8530, 1.8670



# Inverse Universe

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



134.8560, 54.8730, 46.3050



140.3680, 77.5190, 65.4150



200.4620, 40.9960, -38.1400



99.9730, 4.6300, 4.1980



60.9330, 74.3100, 62.9980



15.3650, 18.5660, 15.9580



# Previews

## White Background



This preview shows how the YIQ color 141.3450, -57.7710, 6.2370 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

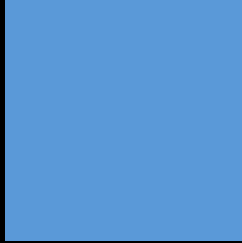
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 141.3450, -57.7710, 6.2370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

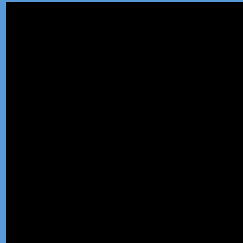
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 141.3450, -57.7710, 6.2370

## Background



This preview shows how black text looks on a background with the YIQ color 141.3450, -57.7710, 6.2370.



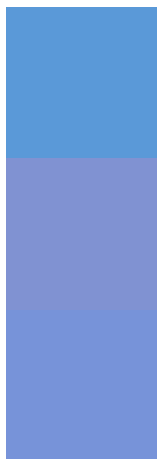
This preview shows how white text looks on a background with the YIQ color 141.3450, -57.7710,



# 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

141.3450, -57.7710, 6.2370

### Protanopia

147.9140, -31.2720, 16.0880

### Deuteranopia

146.6080, -39.1580, 15.8340



## Tritanopia

135.8710, -57.2170, -14.8250

# Trichromacy



## Original Color

141.3450, -57.7710, 6.2370

## Protanomaly

145.7170, -41.0830, 12.1730

## Deuteranomaly

144.4930, -46.2640, 12.4560

## Tritanomaly

137.9130, -57.0350, -7.1070

# Monochromacy



## Original Color

141.3450, -57.7710, 6.2370

## Achromatopsia

141.0000, -0.0000, -0.0000

## Achromatomaly

140.7450, -21.0910, 2.2770

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 141.3450, -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(90, 153, 216)` looks like.

```
.text, #text, p{  
    color:rgb(90, 153, 216)  
}
```

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(90, 153, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 153, 216) }
```

## Border

The CSS property to change the border of an element to YIQ 141.3450, -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(90, 153, 216) }
```



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

```
.border{ border-color:rgb(90, 153, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 153, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 153, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 153, 216);  
box-shadow:4px 4px 4px 4px rgb(90, 153,  
216) }
```

# Background

The CSS property to change the background color of an element to YIQ 141.3450, -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(90, 153, 216) }
```

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

```
.background{ background-color: rgb(90, 153,  
216) }
```

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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