

Converting Colors

YIQ(135.0630, -57.0370, 3.9470)

Have a look what the booklet for
YIQ(135.0630, -57.0370, 3.9470)
contains.

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Color

**YIQ(135.0630, -57.0370,
3.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	5394CD
RGB	83, 148, 205
RGB Percent	33%, 58%, 80%
CMY	0.6746, 0.4195, 0.1963
CMYK	0.60, 0.28, 0.00, 0.20
HSL	208°, 55%, 56%
HSV	208°, 60%, 80%
XYZ	25.1699, 27.4305, 61.6820
YIQ	135.0630, -57.0370, 3.9470

Conversions

Conversions Part 2

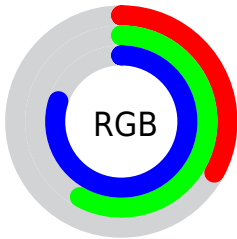
Format	Color
R _Y B	83, 125, 205
Decimal	5477581
CIE Lab	59.37, -3.79, -35.54
CIE LCh	59, 35.739, 263.912
Yxy	27.4305, 0.2202, 0.2400
Android (android.graphics.Color)	4283667661 (0xFF5394CD)
YUV	135.0630, 34.4789, -45.6593
Hunter-Lab	52.3741, -5.8713, -33.1650

Details

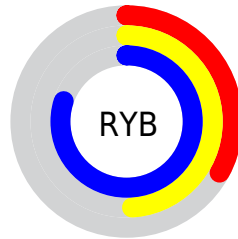
The YIQ color **135.0630, -57.0370, 3.9470** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **152.9370, 57.0370, -3.9470**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.8030, -53.3690, 3.5510**, and **74.6260, -75.1000, -4.6040** is the 20% darker color. If you saturate the color by 10%, you get **122.9140, -66.8030, 4.7250**, and if you desaturate by 10%, it is **146.9130, -47.8670, 2.9570**.

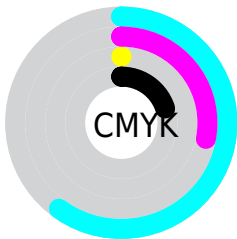
Distribution



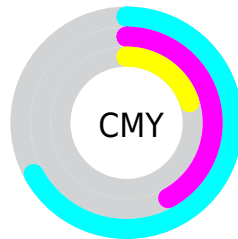
- Red (33%)
- Green (58%)
- Blue (80%)



- Red (33%)
- Yellow (49%)
- Blue (80%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.0630, -57.0370, 3.9470 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 135.0630, -57.0370, 3.9470 by changing the saturation by 10% instead.

■ 135.0630,
-57.0370, 3.9470

■ 135.0630,
-57.0370, 3.9470

■ 255.0000, -0.0000,
-0.0000

■ 107.0410,
-59.9710, 2.0530

■ 189.8030,
-53.3690, 3.5510

■ 74.6260, -75.1000,
-4.6040

■ 214.9100,
-43.7850, -4.9450

■ 57.5740, -60.1540,
-0.1380

■ 238.5550,
-32.7800, -11.6600

■ 41.8100, -46.0790,
3.5930

■ 247.2260,
-15.4960, -5.5120

■ 26.7470, -32.6000,
7.1120

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 135.0630,
-57.0370, 3.9470

■ 135.0630,
-57.0370, 3.9470

■ 122.9140,
-66.8030, 4.7250

■ 146.9130,
-47.8670, 2.9570

■ 111.6510,
-76.2480, 5.1920

■ 158.4750,
-37.8260, 2.7020

■ 99.5020, -86.0140,
5.9700

■ 170.3250,
-28.6560, 1.7120

■ 88.2390, -95.4590,
6.4370

■ 181.8870,
-18.6150, 1.4570

■ 87.3530, -95.7800,
6.7480

■ 193.7370, -9.4450,
0.4670

■ 205.2990, 0.5960,
0.2120

■ 217.1490, 9.7660,
-0.7780

■ 229.2980, 19.5320,
-1.5560

■ 236.9730, 21.8250,
-4.5670

Harmonies

Analogous

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



113.5740, -104.8530, -21.5650



135.0630, -57.0370, 3.9470



144.1820, -20.2230, 19.5930

Triad

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



135.0630, -57.0370, 3.9470



144.7030, 49.7890, 17.2850



133.7410, -16.4090, -27.5210

Complementary

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



135.0630, -57.0370, 3.9470



152.9370, 57.0370, -3.9470

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.



138.3010, 14.3090, -22.5470



135.0630, -57.0370, 3.9470



143.1460, 49.3790, 2.6830

Square

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



135.0630, -57.0370, 3.9470



146.5680, 37.4080, 26.9120



141.2440, 36.8190, -11.9890



125.4670, -53.6840, -29.3000

Rectangle

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



135.0630, -57.0370, 3.9470



146.4900, 2.5170, 25.9810



141.2440, 36.8190, -11.9890



135.5420, -5.5430, -26.2070

Sweetspot

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



135.0630, -57.0370, 3.9470



228.9190, -21.6410, 1.2310



160.8840, -51.2050, -46.7010



111.1110, -13.4340, 1.1740



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.



135.0630, -57.0370, 3.9470



151.5730, -84.7760, 5.5600



100.4300, -40.8120, 34.8040



96.0750, -4.5850, 0.4950



70.5800, -77.4860, 5.6020



16.0720, -17.6980, 1.3580

Inverse Universe

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



126.8880, 51.8470, 46.0790



139.1770, 76.7390, 68.5390



187.5700, 40.8120, -34.8040



95.5600, 4.3550, 3.6750



59.6660, 70.6880, 62.5600



13.6420, 16.2280, 14.2760

Previews

White Background



This preview shows how the YIQ color 135.0630, -57.0370, 3.9470 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 135.0630, -57.0370, 3.9470 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 135.0630, -57.0370, 3.9470

Background



This preview shows how black text looks on a background with the YIQ color 135.0630, -57.0370, 3.9470.

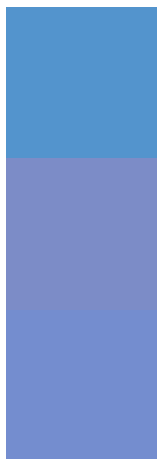


This preview shows how white text looks on a background with the YIQ color 135.0630, -57.0370,

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

135.0630, -57.0370, 3.9470

Protanopia

141.9420, -28.4750, 14.9570

Deuteranopia

141.0490, -36.0860, 15.2260



Tritanopia

130.1700, -56.6210, -14.6130

Trichromacy



Original Color

135.0630, -57.0370, 3.9470

Protanomaly

139.4460, -38.8820, 10.8300

Deuteranomaly

139.1080, -43.7420, 10.8020

Tritanomaly

131.6850, -56.3930, -7.7290

Monochromacy



Original Color

135.0630, -57.0370, 3.9470

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1040, -20.7240, 1.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0630, -57.0370, 3.9470 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(83, 148, 205)` looks like.

```
.text, #text, p{  
    color:rgb(83, 148, 205)  
}
```

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(83, 148, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 148, 205) }
```

Border

The CSS property to change the border of an element to YIQ 135.0630, -57.0370, 3.9470 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(83, 148, 205) }
```


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

```
.border{ border-color:rgb(83, 148, 205) }
```

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

Here you see how a box with a 4 pixel rgb(83, 148, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 148, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 148, 205);  
box-shadow:4px 4px 4px 4px rgb(83, 148,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0630, -57.0370, 3.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 148, 205) }
```

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

```
.background{ background-color: rgb(83, 148,  
205) }
```

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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