

Converting Colors

YIQ(134.7160, -57.6780,
-0.9580)

Have a look what the booklet for
YIQ(134.7160, -57.6780, -0.9580)
contains.

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Color

**YIQ(134.7160, -57.6780,
-0.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	4F97C5
RGB	79, 151, 197
RGB Percent	31%, 59%, 77%
CMY	0.6903, 0.4077, 0.2277
CMYK	0.60, 0.23, 0.00, 0.23
HSL	203°, 50%, 54%
HSV	203°, 60%, 77%
XYZ	24.3632, 27.8318, 56.8708
YIQ	134.7160, -57.6780, -0.9580

Conversions

Conversions Part 2

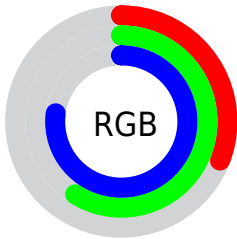
Format	Color
R _Y B	79, 124, 197
Decimal	5216197
CIE Lab	59.74, -8.83, -30.49
CIE LCh	60, 31.741, 253.839
Yxy	27.8318, 0.2234, 0.2552
Android (android.graphics.Color)	4283406277 (0xFF4F97C5)
YUV	134.7160, 30.7060, -48.8629
Hunter-Lab	52.7559, -9.8896, -26.9855

Details

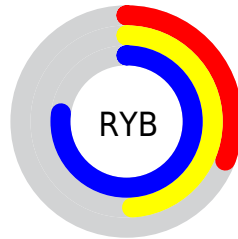
The YIQ color **134.7160, -57.6780, -0.9580** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **141.2840, 57.6780, 0.9580**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.2540, -56.2570, 0.8230**, and **75.0020, -73.4030, -7.8270** is the 20% darker color. If you saturate the color by 10%, you get **124.0400, -67.3980, -1.0140**, and if you desaturate by 10%, it is **145.3920, -47.9580, -0.9020**.

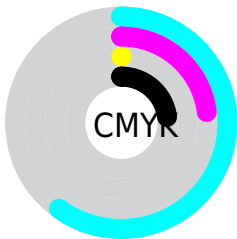
Distribution



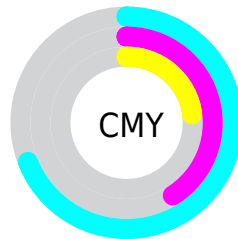
- Red (31%)
- Green (59%)
- Blue (77%)



- Red (31%)
- Yellow (49%)
- Blue (77%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7160, -57.6780, -0.9580 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 134.7160, -57.6780, -0.9580 by changing the saturation by 10% instead.

■ 134.7160,
-57.6780, -0.9580

■ 134.7160,
-57.6780, -0.9580

■ 255.0000, -0.0000,
-0.0000

■ 106.8080,
-60.9330, -2.5410

■ 190.2540,
-56.2570, 0.8230

■ 75.0020, -73.4030,
-7.8270

■ 215.4750,
-46.9940, -7.3620

■ 57.9500, -58.4570,
-3.3610

■ 237.0600,
-35.7600, -12.7200

■ 42.1860, -44.3820,
0.3700

■ 246.0300,
-17.8800, -6.3600

■ 27.1230, -30.9030,
3.8890

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 134.7160,
-57.6780, -0.9580

■ 134.7160,
-57.6780, -0.9580

■ 124.0400,
-67.3980, -1.0140

■ 145.3920,
-47.9580, -0.9020

■ 114.2500,
-76.7970, -1.3810

■ 155.1820,
-38.5590, -0.5350

■ 103.5740,
-86.5170, -1.4370

■ 165.8580,
-28.8390, -0.4790

■ 92.8980, -96.2370,
-1.4930

■ 176.5340,
-19.1190, -0.4230

■ 186.3240, -9.7200,
-0.0560

■ 197.0000, -0.0000,
-0.0000

■ 207.6760, 9.7200,
0.0560

■ 217.7650, 19.7150,
0.6350

■ 227.8430, 28.2430,
0.2670

Harmonies

Analogous

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



124.5680, -78.3530, -17.2410



134.7160, -57.6780, -0.9580



143.3010, -28.1080, 13.8120

Triad

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



134.7160, -57.6780, -0.9580



146.7500, 42.4070, 18.9110



137.7210, -4.4890, -23.2810

Complementary

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



134.7160, -57.6780, -0.9580



141.2840, 57.6780, 0.9580

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.



140.6980, 20.6810, -16.8790



134.7160, -57.6780, -0.9580



144.9270, 45.8020, 6.9380

Square

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



134.7160, -57.6780, -0.9580



147.5390, 27.1840, 24.9760



143.4170, 38.0100, -6.0380



132.3400, -34.1530, -25.3290

Rectangle

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



134.7160, -57.6780, -0.9580



146.3530, -7.5230, 20.7090



143.4170, 38.0100, -6.0380



138.2660, 4.2220, -21.4580

Sweetspot

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



134.7160, -57.6780, -0.9580



230.6800, -22.4660, -0.3380



153.3960, -46.8950, -47.7190



112.8720, -14.2590, -0.3950



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.



134.7160, -57.6780, -0.9580



158.3070, -90.1390, -1.8750



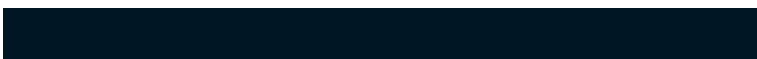
100.6700, -41.7280, 29.3760



94.5480, -4.5390, -0.3390



77.2820, -79.8230, -1.6070



17.0180, -17.6060, -0.3100

Inverse Universe

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



122.4900, 47.2160, 47.4080



138.8980, 73.3910, 74.1510



175.3300, 41.7280, -29.3760



93.3750, 3.4380, 3.7740



60.1370, 65.0480, 65.6560



13.2720, 14.3940, 14.4740

Previews

White Background



This preview shows how the YIQ color 134.7160, -57.6780, -0.9580 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 134.7160, -57.6780, -0.9580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

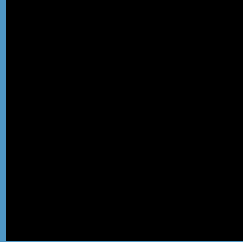
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

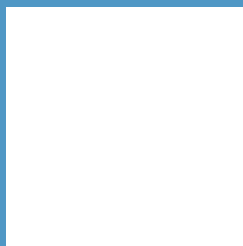
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.7160, -57.6780, -0.9580

Background



This preview shows how black text looks on a background with the YIQ color 134.7160, -57.6780, -0.9580.



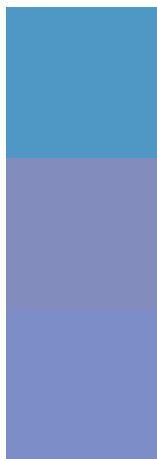
This preview shows how white text looks on a background with the YIQ color 134.7160, -57.6780, -0.9580.

-0.9580.

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

134.7160, -57.6780, -0.9580

Protanopia

143.2970, -22.2850, 12.9070

Deuteranopia

142.5290, -28.7500, 14.4340



Tritanopia

130.8710, -57.2170, -14.8250

Trichromacy



Original Color

134.7160, -57.6780, -0.9580

Protanomaly

140.3060, -35.6720, 7.7200

Deuteranomaly

139.9790, -39.0650, 8.6390

Tritanomaly

132.0330, -57.4930, -9.8210

Monochromacy



Original Color

134.7160, -57.6780, -0.9580

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1640, -20.9530, -0.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7160, -57.6780, -0.9580 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(79, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(79, 151, 197)  
}
```

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(79, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 151, 197) }
```

Border

The CSS property to change the border of an element to YIQ 134.7160, -57.6780, -0.9580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

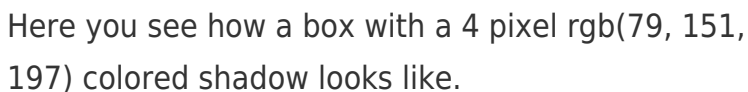
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 151, 197) }
```


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

```
.border{ border-color:rgb(79, 151, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 151, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 151, 197); box-shadow:4px 4px 4px 4px rgb(79, 151, 197) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7160, -57.6780, -0.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 151, 197) }
```

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

```
.background{ background-color: rgb(79, 151,  
197) }
```

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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