

Converting Colors

YIQ(127.6500, -57.3120, 3.4240)

Have a look what the booklet for
YIQ(127.6500, -57.3120, 3.4240)
contains.

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Color

**YIQ(127.6500, -57.3120,
3.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8DC5
RGB	75, 141, 197
RGB Percent	29%, 55%, 77%
CMY	0.7060, 0.4469, 0.2277
CMYK	0.62, 0.28, 0.00, 0.23
HSL	208°, 51%, 53%
HSV	208°, 62%, 77%
XYZ	22.4983, 24.5806, 56.3406
YIQ	127.6500, -57.3120, 3.4240

Conversions

Conversions Part 2

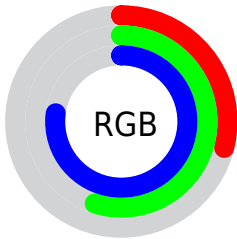
Format	Color
R_{YB}	75, 118, 197
Decimal	4951493
CIE _{Lab}	56.66, -3.91, -35.28
CIE _{LCh}	57, 35.498, 263.671
Yxy	24.5806, 0.2175, 0.2377
Android (android.graphics.Color)	4283141573 (0xFF4B8DC5)
YUV	127.6500, 34.1896, -46.1740
Hunter-Lab	49.5789, -5.7617, -32.6710

Details

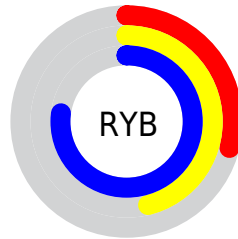
The YIQ color **127.6500, -57.3120, 3.4240** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **144.3500, 57.3120, -3.4240**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9000, -55.0200, 5.9400**, and **69.7190, -70.9280, -3.1200** is the 20% darker color. If you saturate the color by 10%, you get **116.3870, -66.7570, 3.8910**, and if you desaturate by 10%, it is **138.9130, -47.8670, 2.9570**.

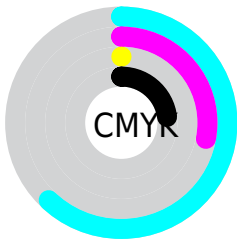
Distribution



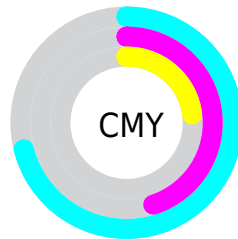
- Red (29%)
- Green (55%)
- Blue (77%)



- Red (29%)
- Yellow (46%)
- Blue (77%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (71%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6500, -57.3120, 3.4240 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 127.6500, -57.3120, 3.4240 by changing the saturation by 10% instead.

■ 127.6500,
-57.3120, 3.4240

■ 127.6500,
-57.3120, 3.4240

■ 255.0000, -0.0000,
-0.0000

■ 99.7310, -62.0340,
0.8940

■ 182.9000,
-55.0200, 5.9400

■ 69.7190, -70.9280,
-3.1200

■ 208.1210,
-45.7570, -2.2450

■ 53.2540, -56.2570,
0.8230

■ 233.8150,
-36.4480, -11.2640

■ 37.4900, -42.1820,
4.5540

■ 244.8340,
-20.2640, -7.2080

■ 23.0140, -28.9780,
7.5500

■ 253.8040, -2.3840,
-0.8480

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 127.6500,
-57.3120, 3.4240

■ 127.6500,
-57.3120, 3.4240

■ 116.3870,
-66.7570, 3.8910

■ 138.9130,
-47.8670, 2.9570

■ 105.4230,
-75.6060, 4.5700

■ 149.8770,
-39.0180, 2.2780

■ 94.1600, -85.0510,
5.0370

■ 161.1400,
-29.5730, 1.8110

■ 85.2670, -92.6620,
5.3060

■ 172.4030,
-20.1280, 1.3440

■ 183.3670,
-11.2790, 0.6650

■ 194.6300, -1.8340,
0.1980

■ 205.8930, 7.6110,
-0.2690

■ 217.1560, 17.0560,
-0.7360

■ 228.1200, 25.9050,
-1.4150

Harmonies

Analogous

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



107.9660, -100.0850, -19.8690



127.6500, -57.3120, 3.4240



136.7690, -20.4980, 19.0700

Triad

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



127.6500, -57.3120, 3.4240



137.5180, 48.8720, 17.3840



126.4530, -15.5380, -26.7860

Complementary

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



127.6500, -57.3120, 3.4240



144.3500, 57.3120, -3.4240

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.



131.4150, 13.9880, -22.2360



127.6500, -57.3120, 3.4240



135.9610, 48.4620, 2.7820

Square

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



127.6500, -57.3120, 3.4240



139.2690, 36.8120, 26.7000



134.0590, 35.9020, -11.8900



118.1680, -54.2800, -29.5120

Rectangle

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



127.6500, -57.3120, 3.4240



139.7780, 1.6460, 25.2460



134.0590, 35.9020, -11.8900



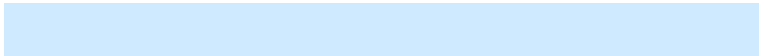
127.9550, -5.2680, -25.6840

Sweetspot

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



127.6500, -57.3120, 3.4240



227.7340, -22.5580, 1.3300



152.8840, -51.2050, -46.7010



110.8120, -14.0300, 0.9620



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.



127.6500, -57.3120, 3.4240



148.0070, -88.9940, 4.9100



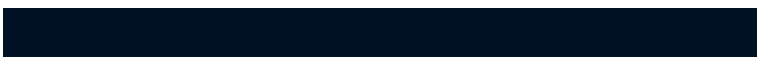
92.4300, -40.8120, 34.8040



93.9610, -4.2640, 0.1840



70.2380, -76.5230, 4.6690



15.2570, -16.7810, 1.2590

Inverse Universe

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



119.0020, 51.5260, 46.3900



134.2530, 79.5810, 72.1010



179.5700, 40.8120, -34.8040



93.2610, 3.7590, 3.4630



58.7690, 68.9000, 61.9240



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 127.6500, -57.3120, 3.4240 looks on a white background.

Color Contrast Check

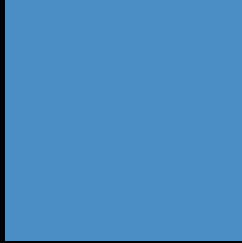
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6500, -57.3120, 3.4240 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 127.6500, -57.3120, 3.4240

Background



This preview shows how black text looks on a background with the YIQ color 127.6500, -57.3120, 3.4240.

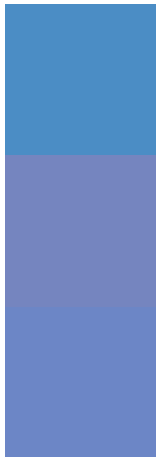


This preview shows how white text looks on a background with the YIQ color 127.6500, -57.3120,

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

127.6500, -57.3120, 3.4240

Protanopia

134.8280, -28.1540, 14.6460

Deuteranopia

133.5220, -36.0400, 14.3920



Tritanopia

122.1590, -58.0880, -15.5600

Trichromacy



Original Color

127.6500, -57.3120, 3.4240

Protanomaly

132.3320, -38.5610, 10.5190

Deuteranomaly

131.6950, -44.0170, 10.2790

Tritanomaly

123.9730, -57.2640, -8.4640

Monochromacy



Original Color

127.6500, -57.3120, 3.4240

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1040, -20.7240, 1.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6500, -57.3120, 3.4240 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(75, 141, 197)` looks like.

```
.text, #text, p{  
    color:rgb(75, 141, 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(75, 141, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 141, 197) }
```

Border

The CSS property to change the border of an element to YIQ 127.6500, -57.3120, 3.4240 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(75, 141, 197) }
```


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

```
.border{ border-color:rgb(75, 141, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 141, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 141, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 141, 197);  
box-shadow:4px 4px 4px 4px rgb(75, 141,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6500, -57.3120, 3.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 141, 197) }
```

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

```
.background{ background-color: rgb(75, 141,  
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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