

Converting Colors

YIQ(127.9580, -60.9350, 8.5130)

Have a look what the booklet for
YIQ(127.9580, -60.9350, 8.5130)
contains.

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Color

**YIQ(127.9580, -60.9350,
8.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8BD2
RGB	75, 139, 210
RGB Percent	29%, 55%, 82%
CMY	0.7060, 0.4548, 0.1768
CMYK	0.64, 0.34, 0.00, 0.18
HSL	212°, 60%, 56%
HSV	212°, 64%, 82%
XYZ	23.7595, 24.6172, 64.4227
YIQ	127.9580, -60.9350, 8.5130

Conversions

Conversions Part 2

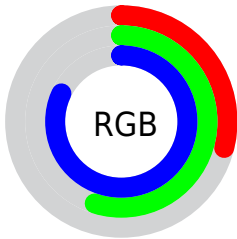
Format	Color
R_{YB}	75, 118, 210
Decimal	4950994
CIE Lab	56.70, 1.61, -42.56
CIE LCh	57, 42.587, 272.161
Yxy	24.6172, 0.2106, 0.2182
Android (android.graphics.Color)	4283141074 (0xFF4B8BD2)
YUV	127.9580, 40.4467, -46.4442
Hunter-Lab	49.6157, -1.3493, -42.2531

Details

The YIQ color **127.9580, -60.9350, 8.5130** 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 **157.0420, 60.9350, -8.5130**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.1390, -54.1950, 7.5090**, and **69.9130, -74.2300, 1.6580** is the 20% darker color. If you saturate the color by 10%, you get **115.2220, -70.4260, 9.8140**, and if you desaturate by 10%, it is **140.6940, -51.4440, 7.2120**.

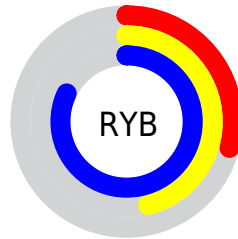
Distribution



Red (29%)

Green (55%)

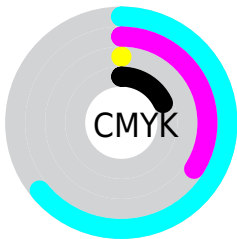
Blue (82%)



Red (29%)

Yellow (46%)

Blue (82%)

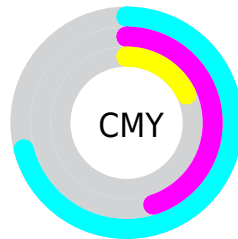


Cyan (64%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9580, -60.9350, 8.5130 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 127.9580, -60.9350, 8.5130 by changing the saturation by 10% instead.

■ 127.9580,
-60.9350, 8.5130

■ 127.9580,
-60.9350, 8.5130

■ 255.0000, -0.0000,
-0.0000

■ 99.3270, -66.5280,
5.2480

■ 182.1390,
-54.1950, 7.5090

■ 70.5000, -74.5050,
1.1350

■ 207.5450,
-44.0150, -0.7750

■ 53.4480, -59.5590,
5.6010

■ 232.6520,
-34.4310, -9.2710

■ 38.1570, -45.4380,
8.4980

■ 245.7310,
-18.4760, -6.5720

■ 23.6810, -32.2340,
11.4940

■ 254.7010, -0.5960,
-0.2120

■ 9.2050, -19.0300,
14.4900

■ 4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 127.9580,
-60.9350, 8.5130

■ 127.9580,
-60.9350, 8.5130

■ 115.2220,
-70.4260, 9.8140

■ 140.6940,
-51.4440, 7.2120

■ 102.4860,
-79.9170, 11.1150

■ 153.4300,
-41.9530, 5.9110

■ 89.7500, -89.4080,
12.4160

■ 166.1660,
-32.4620, 4.6100

■ 82.6400, -94.9100,
13.0100

■ 178.9020,
-22.9710, 3.3090

■ 191.6380,
-13.4800, 2.0080

■ 204.3740, -3.9890,
0.7070

■ 217.1100, 5.5020,
-0.5940

■ 229.8460, 14.9930,
-1.8950

■ 239.8910, 19.1200,
-5.1040

Harmonies

Analogous

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



110.3770, -105.4960, -15.4160



127.9580, -60.9350, 8.5130



138.5190, -13.6220, 26.6180

Triad

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



127.9580, -60.9350, 8.5130



135.9660, 59.2340, 16.8180



120.9560, -33.3720, -33.9800

Complementary

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



127.9580, -60.9350, 8.5130



157.0420, 60.9350, -8.5130

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.



128.1920, 7.0660, -28.9500



127.9580, -60.9350, 8.5130



135.0230, 53.9190, -2.5050

Square

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



127.9580, -60.9350, 8.5130



138.0210, 49.3740, 30.3180



132.3160, 36.3160, -19.3960



106.7170, -86.9230, -38.1470

Rectangle

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



127.9580, -60.9350, 8.5130



140.5670, 12.7860, 32.6100



132.3160, 36.3160, -19.3960



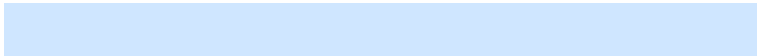
124.2090, -17.9670, -32.3270

Sweetspot

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



127.9580, -60.9350, 8.5130



225.9730, -21.7330, 2.8990



162.2250, -59.5950, -48.8350



109.6380, -13.4800, 2.0080



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.



127.9580, -60.9350, 8.5130



135.9350, -88.4910, 12.3170



90.9880, -42.1430, 42.4090



98.1890, -4.9060, 0.8060



66.1120, -75.9280, 10.4080



15.8270, -18.3860, 2.8140

Inverse Universe

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



122.6610, 59.9160, 48.5240



128.2060, 86.9630, 70.4750



194.0120, 42.1430, -42.4090



97.8590, 4.9510, 3.8870



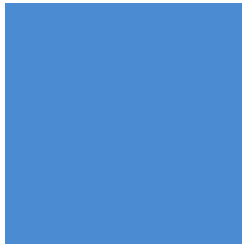
59.3520, 74.4480, 60.4960



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 127.9580, -60.9350, 8.5130 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 127.9580, -60.9350, 8.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

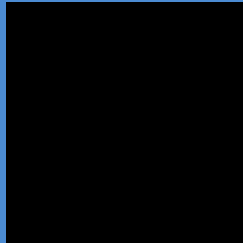
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.9580, -60.9350, 8.5130

Background



This preview shows how black text looks on a background with the YIQ color 127.9580, -60.9350, 8.5130.



This preview shows how white text looks on a background with the YIQ color 127.9580, -60.9350, 8.5130.

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

127.9580, -60.9350, 8.5130

Protanopia

134.3310, -36.8200, 17.5160

Deuteranopia

132.0030, -47.6400, 15.3680



Tritanopia

120.1690, -64.0480, -17.6800

Trichromacy



Original Color

127.9580, -60.9350, 8.5130

Protanomaly

131.8460, -45.7600, 14.3360

Deuteranomaly

130.1980, -52.6830, 13.1490

Tritanomaly

122.8630, -62.7660, -7.8700

Monochromacy



Original Color

127.9580, -60.9350, 8.5130

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0870, -22.0540, 3.2100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9580, -60.9350, 8.5130 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, 139, 210)` looks like.

```
.text, #text, p{  
    color:rgb(75, 139, 210)  
}
```

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, 139, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 139, 210) }
```

Border

The CSS property to change the border of an element to YIQ 127.9580, -60.9350, 8.5130 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, 139, 210) }
```


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

```
.border{ border-color:rgb(75, 139, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 139, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 139, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 139, 210);  
box-shadow:4px 4px 4px 4px rgb(75, 139,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9580, -60.9350, 8.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 139, 210) }
```

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

```
.background{ background-color: rgb(75, 139,  
210) }
```

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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