

Converting Colors

YIQ(157.0600, -52.9550,
-3.9550)

Have a look what the booklet for
YIQ(157.0600, -52.9550, -3.9550)
contains.

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Color

**YIQ(157.0600, -52.9550,
-3.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	68AED1
RGB	104, 174, 209
RGB Percent	41%, 68%, 82%
CMY	0.5923, 0.3175, 0.1806
CMYK	0.50, 0.17, 0.00, 0.18
HSL	200°, 53%, 61%
HSV	200°, 50%, 82%
XYZ	32.3475, 37.8248, 65.8784
YIQ	157.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

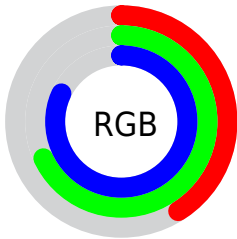
Format	Color
RYB	104, 146, 209
Decimal	6860497
CIELab	67.89, -12.51, -24.52
CIELCh	68, 27.525, 242.966
Yxy	37.8248, 0.2378, 0.2780
Android (android.graphics.Color)	4285050577 (0xFF68AED1)
YUV	157.0600, 25.6064, -46.5336
Hunter-Lab	61.5019, -13.7444, -20.4578

Details

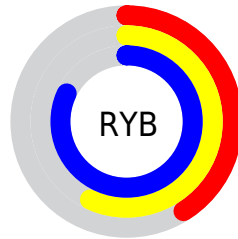
The YIQ color **157.0600, -52.9550, -3.9550** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **155.9400, 52.9550, 3.9550**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6320, -48.8740, -6.3300**, and **102.3260, -56.7600, -6.5840** is the 20% darker color. If you saturate the color by 10%, you get **146.6720, -63.5460, -4.7460**, and if you desaturate by 10%, it is **167.4480, -42.3640, -3.1640**.

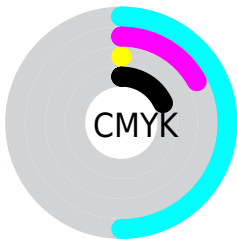
Distribution



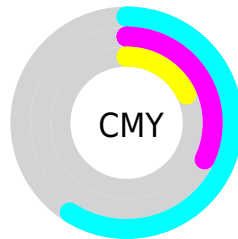
- Red (41%)
- Green (68%)
- Blue (82%)



- Red (41%)
- Yellow (57%)
- Blue (82%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.0600, -52.9550, -3.9550 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 157.0600, -52.9550, -3.9550 by changing the saturation by 10% instead.

■ 157.0600,
-52.9550, -3.9550

■ 157.0600,
-52.9550, -3.9550

■ 255.0000, -0.0000,
-0.0000

■ 129.3480,
-53.8260, -4.6900

■ 212.2190,
-49.1490, -6.8530

■ 102.3260,
-56.7600, -6.5840

■ 235.2660,
-39.3360, -13.9920

■ 71.5310, -67.7630,
-10.9230

■ 244.2360,
-21.4560, -7.6320

■ 54.5930, -53.1380,
-6.1460

■ 252.9070, -4.1720,
-1.4840

■ 38.3560, -39.1090,
-1.5810

■ 23.9940, -26.2260,
1.7260

■ 5.0500, -11.4640,

9.5280

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 157.0600,
-52.9550, -3.9550

■ 157.0600,
-52.9550, -3.9550

■ 146.6720,
-63.5460, -4.7460

■ 167.4480,
-42.3640, -3.1640

■ 136.2840,
-74.1370, -5.5370

■ 177.8360,
-31.7730, -2.3730

■ 125.8960,
-84.7280, -6.3280

■ 188.2240,
-21.1820, -1.5820

■ 115.5080,
-95.3190, -7.1190

■ 198.6120,
-10.5910, -0.7910

■ 105.4190,
-105.3140, -7.6980

■ 208.7010, -0.5960,
-0.2120

■ 219.0890, 9.9950,
0.5790

■ 229.4770, 20.5860,
1.3700

■ 235.0810, 21.6410,
-1.2310

■ 239.1900, 19.7160,
-4.8920

Harmonies

Analogous

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



152.6860, -58.1340, -14.7260



157.0600, -52.9550, -3.9550



163.5020, -33.2880, 8.5680

Triad

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



157.0600, -52.9550, -3.9550



168.9710, 34.4750, 19.4910



161.0320, 5.0010, -19.0550

Complementary

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



157.0600, -52.9550, -3.9550



155.9400, 52.9550, 3.9550

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.



164.1980, 25.2650, -11.8470



157.0600, -52.9550, -3.9550



167.4090, 41.6290, 10.9810

Square

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



157.0600, -52.9550, -3.9550



169.5700, 16.7310, 21.6830



165.8780, 38.3300, -0.8220



157.4620, -19.7570, -21.9090

Rectangle

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



157.0600, -52.9550, -3.9550



166.7000, -16.0500, 15.5500



165.8780, 38.3300, -0.8220



162.0930, 12.1990, -17.3450

Sweetspot

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



157.0600, -52.9550, -3.9550



236.0070, -19.0730, -1.2570



169.3970, -39.4680, -44.6520



116.4270, -11.5080, -0.6920



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.



157.0600, -52.9550, -3.9550



179.3160, -77.1630, -5.7630



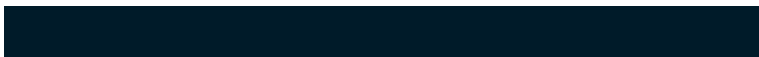
127.1230, -38.9300, 22.7180



99.3630, -5.4560, -0.2400



84.8960, -84.7280, -6.3280



20.5230, -20.5860, -1.3700

Inverse Universe

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



143.3750, 40.1100, 44.0300



159.3750, 58.4460, 64.1580



185.8770, 38.9300, -22.7180



98.0870, 4.3090, 4.5090



63.0000, 64.1760, 70.4480



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 157.0600, -52.9550, -3.9550 looks on a white background.

Color Contrast Check

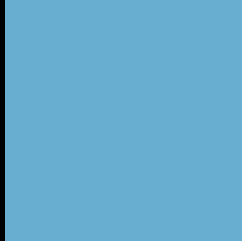
Large Text (above 18pt) WCAG AA × Fail

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 157.0600, -52.9550, -3.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

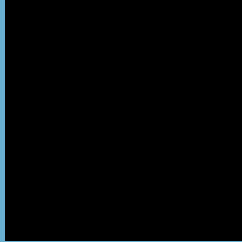
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.0600, -52.9550, -3.9550

Background



This preview shows how black text looks on a background with the YIQ color 157.0600, -52.9550, -3.9550.



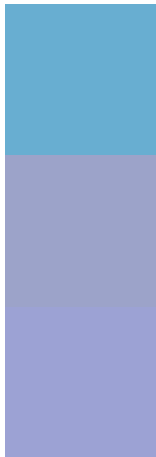
This preview shows how white text looks on a background with the YIQ color 157.0600, -52.9550, -3.9550.

-3.9550.

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

157.0600, -52.9550, -3.9550

Protanopia

165.2390, -16.3700, 10.3340

Deuteranopia

165.9060, -19.6260, 14.2780



Tritanopia

154.9750, -51.5780, -12.3940

Trichromacy



Original Color

157.0600, -52.9550, -3.9550

Protanomaly

162.2480, -29.7570, 5.1470

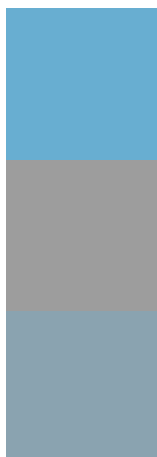
Deuteranomaly

162.4590, -31.7290, 7.8470

Tritanomaly

155.7840, -52.3580, -9.2700

Monochromacy



Original Color

157.0600, -52.9550, -3.9550

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0070, -19.0730, -1.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.0600, -52.9550, -3.9550 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(104, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(104, 174, 209)  
}
```

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(104, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 174, 209) }
```

Border

The CSS property to change the border of an element to YIQ 157.0600, -52.9550, -3.9550 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(104, 174, 209) }
```


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

```
.border{ border-color:rgb(104, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(104, 174,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 157.0600, -52.9550, -3.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 174, 209) }
```

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

```
.background{ background-color: rgb(104,  
174, 209) }
```

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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