

Converting Colors

YIQ(156.9460, -61.8020,
-14.3300)

Have a look what the booklet for
YIQ(156.9460, -61.8020, -14.3300)
contains.

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Color

**YIQ(156.9460, -61.8020,
-14.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	59B7C9
RGB	89, 183, 201
RGB Percent	35%, 72%, 79%
CMY	0.6512, 0.2822, 0.2120
CMYK	0.56, 0.09, 0.00, 0.21
HSL	190°, 51%, 57%
HSV	190°, 56%, 79%
XYZ	31.5911, 40.2184, 61.3155
YIQ	156.9460, -61.8020, -14.3300

Conversions

Conversions Part 2

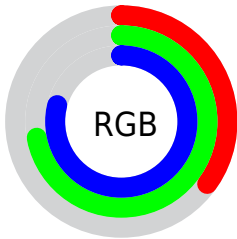
Format	Color
RYB	89, 140, 201
Decimal	5879753
CIELab	69.62, -22.72, -17.53
CIELCh	70, 28.700, 217.645
Yxy	40.2184, 0.2373, 0.3021
Android (android.graphics.Color)	4284069833 (0xFF59B7C9)
YUV	156.9460, 21.7186, -59.5886
Hunter-Lab	63.4180, -22.0632, -12.9318

Details

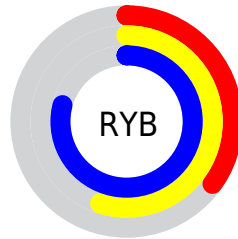
The YIQ color **156.9460, -61.8020, -14.3300** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **133.0540, 61.8020, 14.3300**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **213.3160, -59.9680, -14.5280**, and **96.9550, -75.1890, -19.5170** is the 20% darker color. If you saturate the color by 10%, you get **149.2050, -72.8970, -17.0010**, and if you desaturate by 10%, it is **164.6870, -50.7070, -11.6590**.

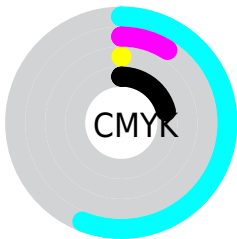
Distribution



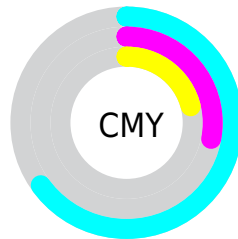
- Red (35%)
- Green (72%)
- Blue (79%)



- Red (35%)
- Yellow (55%)
- Blue (79%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (65%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.9460, -61.8020, -14.3300 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 156.9460, -61.8020, -14.3300 by changing the saturation by 10% instead.

■ 156.9460,
-61.8020, -14.3300

■ 156.9460,
-61.8020, -14.3300

■ 255.0000, -0.0000,
-0.0000

■ 128.4510,
-64.7820, -15.3900

■ 213.3160,
-59.9680, -14.5280

■ 96.9550, -75.1890,
-19.5170

■ 231.6780,
-46.4880, -16.5360

■ 74.8420, -67.4410,
-16.7610

■ 240.3490,
-29.2040, -10.3880

■ 57.9040, -52.8160,
-11.9840

■ 249.3190,
-11.3240, -4.0280

■ 41.7810, -39.1080,
-7.1080

■ 26.2450, -25.6750,
-2.7550

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 156.9460,
-61.8020, -14.3300

■ 156.9460,
-61.8020, -14.3300

■ 149.2050,
-72.8970, -17.0010

■ 164.6870,
-50.7070, -11.6590

■ 141.4640,
-83.9920, -19.6720

■ 172.4280,
-39.6120, -8.9880

■ 133.1360,
-94.8120, -21.8200

■ 180.7560,
-28.7920, -6.8400

■ 125.3950,
-105.9070, -24.4910

■ 188.4970,
-17.6970, -4.1690

■ 122.1170,
-110.9960, -25.8760

■ 196.2380, -6.6020,
-1.4980

■ 204.2780, 5.0890,
1.3850

■ 212.6060, 15.9090,
3.5330

■ 220.3470, 27.0040,
6.2040

■ 223.6030, 29.1590,
5.6950

Harmonies

Analogous

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



157.6620, -49.5590, -21.4550



156.9460, -61.8020, -14.3300



162.2280, -53.3680, -1.9760

Triad

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



156.9460, -61.8020, -14.3300



173.9620, 21.4990, 23.3790



168.2470, 23.5690, -14.1510

Complementary

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



156.9460, -61.8020, -14.3300



133.0540, 61.8020, 14.3300

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.



170.4110, 38.1470, -3.0130



156.9460, -61.8020, -14.3300



173.7110, 38.1430, 19.0950

Square

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



156.9460, -61.8020, -14.3300



172.9790, -3.5340, 20.0020



172.1380, 43.8300, 9.6380



164.8250, 1.1500, -20.8500

Rectangle

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



156.9460, -61.8020, -14.3300



166.9250, -38.9730, 6.9710



172.1380, 43.8300, 9.6380



169.1770, 29.7580, -10.6740

Sweetspot

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



156.9460, -61.8020, -14.3300



238.0340, -23.7030, -5.4550



156.6820, -36.2570, -53.2890



117.2910, -14.1210, -2.8970



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.



156.9460, -61.8020, -14.3300



188.0220, -94.4910, -22.1310



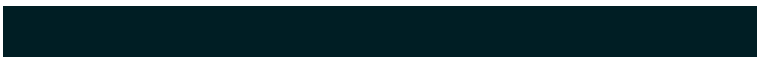
124.6610, -46.6770, 14.4350



95.7220, -5.0890, -1.3850



99.0010, -89.9980, -20.9580



21.7140, -19.8060, -4.4940

Inverse Universe

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



133.2040, 36.5780, 52.9780



151.5450, 55.6920, 81.0360



165.3390, 46.6770, -14.4350



93.6030, 2.7960, 4.3960



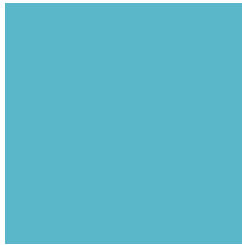
64.3550, 53.1710, 77.1630



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 156.9460, -61.8020, -14.3300 looks on a white background.

Color Contrast Check

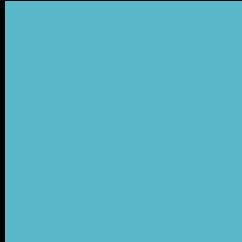
Large Text (above 18pt) WCAG AA × Fail

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 156.9460, -61.8020, -14.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

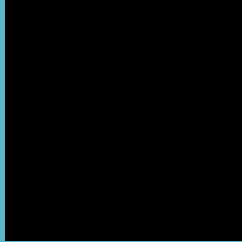
Any Text WCAG AA ✓ Pass

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 156.9460, -61.8020, -14.3300 Background



This preview shows how black text looks on a background with the YIQ color 156.9460, -61.8020, -14.3300.



This preview shows how white text looks on a background with the YIQ color 156.9460, -61.8020, -14.3300.

-14.3300.

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

156.9460, -61.8020, -14.3300

Protanopia

170.0240, -8.5750, 6.7290

Deuteranopia

170.4570, -11.0520, 13.0760



Tritanopia

156.3050, -61.4350, -15.4750

Trichromacy



Original Color

156.9460, -61.8020, -14.3300

Protanomaly

165.0430, -27.9220, -0.5780

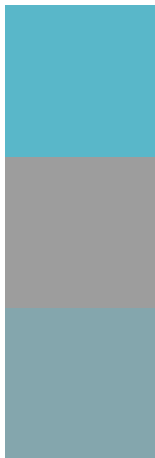
Deuteranomaly

165.7810, -29.9400, 2.9560

Tritanomaly

156.4190, -61.7560, -15.1640

Monochromacy



Original Color

156.9460, -61.8020, -14.3300

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.6320, -22.5110, -5.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9460, -61.8020, -14.3300 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(89, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(89, 183, 201)  
}
```

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(89, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 183, 201) }
```

Border

The CSS property to change the border of an element to YIQ 156.9460, -61.8020, -14.3300 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(89, 183, 201) }
```


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

```
.border{ border-color:rgb(89, 183, 201) }
```

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

Here you see how a box with a 4 pixel rgb(89, 183, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(89, 183,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9460, -61.8020, -14.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 183, 201) }
```

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

```
.background{ background-color: rgb(89, 183,  
201) }
```

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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