

Converting Colors

YIQ(160.0500, -56.1630,
-11.8990)

Have a look what the booklet for
YIQ(160.0500, -56.1630, -11.8990)
contains.

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Color

**YIQ(160.0500, -56.1630,
-11.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	63B7CA
RGB	99, 183, 202
RGB Percent	39%, 72%, 79%
CMY	0.6119, 0.2822, 0.2081
CMYK	0.51, 0.09, 0.00, 0.21
HSL	191°, 49%, 59%
HSV	191°, 51%, 79%
XYZ	32.7346, 40.7929, 61.9880
YIQ	160.0500, -56.1630, -11.8990

Conversions

Conversions Part 2

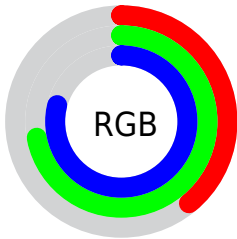
Format	Color
RYB	99, 145, 202
Decimal	6535114
CIELab	70.03, -20.34, -17.43
CIElCh	70, 26.791, 220.590
Yxy	40.7929, 0.2416, 0.3010
Android (android.graphics.Color)	4284725194 (0xFF63B7CA)
YUV	160.0500, 20.6814, -53.5408
Hunter-Lab	63.8693, -20.2856, -12.8351

Details

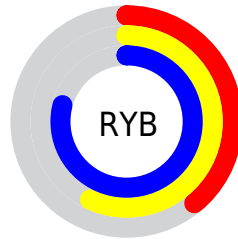
The YIQ color **160.0500, -56.1630, -11.8990** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **140.9500, 56.1630, 11.8990**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **216.0070, -54.6040, -12.6200**, and **103.9460, -61.8020, -14.3300** is the 20% darker color. If you saturate the color by 10%, you get **151.7220, -66.9830, -14.0470**, and if you desaturate by 10%, it is **168.3780, -45.3430, -9.7510**.

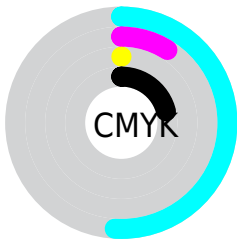
Distribution



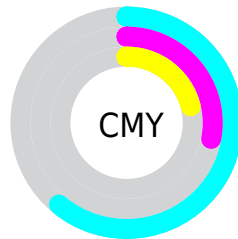
- Red (39%)
- Green (72%)
- Blue (79%)



- Red (39%)
- Yellow (57%)
- Blue (79%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.0500, -56.1630, -11.8990 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 160.0500, -56.1630, -11.8990 by changing the saturation by 10% instead.

■ 160.0500,
-56.1630, -11.8990

■ 160.0500,
-56.1630, -11.8990

■ 255.0000, -0.0000,
-0.0000

■ 132.4520,
-57.3550, -12.3230

■ 216.0070,
-54.6040, -12.6200

■ 103.9460,
-61.8020, -14.3300

■ 234.0700,
-41.7200, -14.8400

■ 75.5430, -68.0370,
-16.9730

■ 242.7410,
-24.4360, -8.6920

■ 58.0180, -53.1370,
-11.6730

■ 251.7110, -6.5560,
-2.3320

■ 41.7810, -39.1080,
-7.1080

■ 26.3590, -25.9960,
-2.4440

■ 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 160.0500,
-56.1630, -11.8990

■ 160.0500,
-56.1630, -11.8990

■ 151.7220,
-66.9830, -14.0470

■ 168.3780,
-45.3430, -9.7510

■ 143.9810,
-78.0780, -16.7180

■ 176.1190,
-34.2480, -7.0800

■ 135.3540,
-89.4940, -19.0780

■ 184.7460,
-22.8320, -4.7200

■ 127.0260,
-100.3140, -21.2260

■ 193.0740,
-12.0120, -2.5720

■ 119.8830,
-110.2170, -23.4730

■ 201.4020, -1.1920,
-0.4240

■ 209.1430, 9.9030,
2.2470

■ 217.4710, 20.7230,
4.3950

■ 224.3040, 28.5630,
5.4830

■ 226.0650, 27.7380,
3.9140

Harmonies

Analogous

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



159.7980, -46.9460, -19.2500



160.0500, -56.1630, -11.8990



164.6910, -47.3620, -0.6900

Triad

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



160.0500, -56.1630, -11.8990



174.9080, 21.5910, 21.7110



168.8060, 20.4970, -13.5430

Complementary

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



160.0500, -56.1630, -11.8990



140.9500, 56.1630, 11.8990

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.



171.3290, 35.4420, -3.5500



160.0500, -56.1630, -11.8990



174.1730, 36.7220, 17.3140

Square

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



160.0500, -56.1630, -11.8990



174.4200, -0.4620, 19.3940



173.1160, 40.8960, 7.7440



166.0960, -1.0510, -19.5070

Rectangle

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



160.0500, -56.1630, -11.8990



168.6760, -33.8380, 7.5220



173.1160, 40.8960, 7.7440



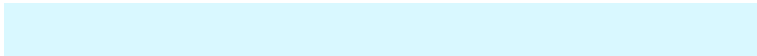
170.0240, 25.8150, -10.8010

Sweetspot

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



160.0500, -56.1630, -11.8990



239.5290, -20.7230, -4.3950



161.6270, -34.4240, -47.9600



118.1880, -12.3330, -2.2610



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.



160.0500, -56.1630, -11.8990



191.3330, -85.0010, -17.9050



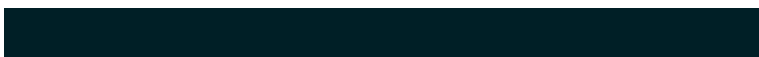
130.1130, -42.1380, 14.7740



97.8360, -5.4100, -1.0740



98.1690, -90.4110, -18.9790



22.5290, -20.7230, -4.3950

Inverse Universe

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



139.3730, 34.4240, 47.9600



160.1220, 52.2090, 72.5690



170.8870, 42.1380, -14.7740



95.9020, 3.3920, 4.6080



65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 160.0500, -56.1630, -11.8990 looks on a white background.

Color Contrast Check

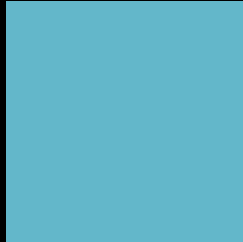
Large Text (above 18pt) WCAG AA × Fail

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 160.0500, -56.1630, -11.8990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

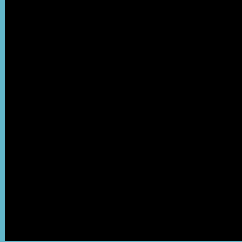
Any Text WCAG AA ✓ Pass

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 160.0500, -56.1630, -11.8990 Background



This preview shows how black text looks on a background with the YIQ color 160.0500, -56.1630, -11.8990.



This preview shows how white text looks on a background with the YIQ color 160.0500, -56.1630, -11.8990.

-11.8990.

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

160.0500, -56.1630, -11.8990

Protanopia

171.1380, -8.8960, 7.0400

Deuteranopia

171.4570, -11.0520, 13.0760



Tritanopia

159.8820, -55.7500, -13.8780

Trichromacy



Original Color

160.0500, -56.1630, -11.8990

Protanomaly

166.9400, -26.1340, 0.0580

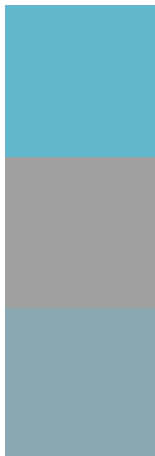
Deuteranomaly

167.3900, -27.2810, 4.3270

Tritanomaly

159.9960, -56.0710, -13.5670

Monochromacy



Original Color

160.0500, -56.1630, -11.8990

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8280, -20.1270, -4.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.0500, -56.1630, -11.8990 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(99, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(99, 183, 202)  
}
```

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(99, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 183, 202) }
```

Border

The CSS property to change the border of an element to YIQ 160.0500, -56.1630, -11.8990 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(99, 183, 202) }
```


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

```
.border{ border-color:rgb(99, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(99, 183,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 160.0500, -56.1630, -11.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 183, 202) }
```

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

```
.background{ background-color: rgb(99, 183,  
202) }
```

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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