

Converting Colors

YIQ(155.7580, -49.4690,
-12.0690)

Have a look what the booklet for
YIQ(155.7580, -49.4690, -12.0690)
contains.

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Color

**YIQ(155.7580, -49.4690,
-12.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	65B1BE
RGB	101, 177, 190
RGB Percent	40%, 69%, 75%
CMY	0.6041, 0.3057, 0.2551
CMYK	0.47, 0.07, 0.00, 0.26
HSL	189°, 41%, 57%
HSV	189°, 47%, 74%
XYZ	30.3789, 37.9365, 54.4064
YIQ	155.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

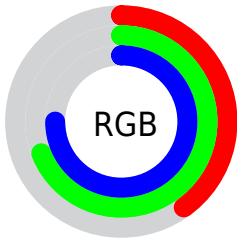
Format	Color
RYB	101, 142, 190
Decimal	6664638
CIELab	67.97, -20.10, -13.92
CIELCh	68, 24.449, 214.716
Yxy	37.9365, 0.2475, 0.3091
Android (android.graphics.Color)	4284854718 (0xFF65B1BE)
YUV	155.7580, 16.8813, -48.0228
Hunter-Lab	61.5926, -19.7468, -9.2576

Details

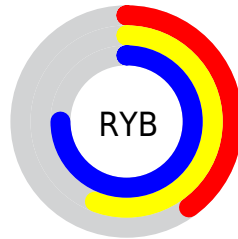
The YIQ color **155.7580, -49.4690, -12.0690** is a light color, and the websafe version is hex **669999**. A complement of this color would be **135.2420, 49.4690, 12.0690**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.7580, -49.4690, -12.0690**, and **101.2630, -52.4490, -13.1290** is the 20% darker color. If you saturate the color by 10%, you get **148.3160, -59.9680, -14.5280**, and if you desaturate by 10%, it is **163.2000, -38.9700, -9.6100**.

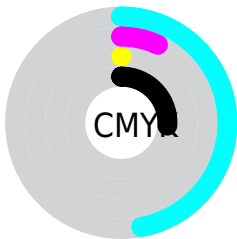
Distribution



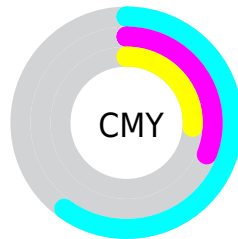
- Red (40%)
- Green (69%)
- Blue (75%)



- Red (40%)
- Yellow (56%)
- Blue (75%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7580, -49.4690, -12.0690 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 155.7580, -49.4690, -12.0690 by changing the saturation by 10% instead.

■ 155.7580,
-49.4690, -12.0690

■ 155.7580,
-49.4690, -12.0690

■ 255.0000, -0.0000,
-0.0000

■ 128.4590,
-50.0650, -12.2810

■ 211.7580,
-49.4690, -12.0690

■ 101.2630,
-52.4490, -13.1290

■ 234.0700,
-41.7200, -14.8400

■ 70.7670, -62.8560,
-17.2560

■ 242.7410,
-24.4360, -8.6920

■ 53.9430, -48.5520,
-12.1680

■ 251.7110, -6.5560,
-2.3320

■ 37.8200, -34.8440,
-7.2920

■ 23.5720, -22.2820,
-3.6740

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 155.7580,
-49.4690, -12.0690

■ 155.7580,
-49.4690, -12.0690

■ 148.3160,
-59.9680, -14.5280

■ 163.2000,
-38.9700, -9.6100

■ 141.4610,
-70.7420, -17.5100

■ 170.6420,
-28.4710, -7.1510

■ 134.0190,
-81.2410, -19.9690

■ 177.4970,
-17.6970, -4.1690

■ 126.5770,
-91.7400, -22.4280

■ 184.9390, -7.1980,
-1.7100

■ 119.1350,
-102.2390, -24.8870

■ 192.3810, 3.3010,
0.7490

■ 116.7540,
-105.5400, -25.6360

■ 199.8230, 13.8000,
3.2080

■ 206.6780, 24.5740,
6.1900

■ 214.1200, 35.0730,
8.6490

■ 216.4790, 35.4400,
7.5040

Harmonies

Analogous

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



155.9300, -38.5100, -17.9500



155.7580, -49.4690, -12.0690



159.3060, -44.8400, -2.3440

Triad

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



155.7580, -49.4690, -12.0690



169.2170, 16.2270, 19.8030



163.9850, 21.5510, -10.6170

Complementary

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



155.7580, -49.4690, -12.0690



135.2420, 49.4690, 12.0690

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.



166.3120, 34.1120, -1.4720



155.7580, -49.4690, -12.0690



169.1230, 30.9910, 16.5510

Square

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



155.7580, -49.4690, -12.0690



168.3870, -4.8630, 16.5530



167.9030, 37.1820, 8.9740



161.7160, 3.0750, -17.1890

Rectangle

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



155.7580, -49.4690, -12.0690



162.7960, -34.2960, 4.8080



167.9030, 37.1820, 8.9740



165.2030, 26.8690, -7.8750

Sweetspot

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



155.7580, -49.4690, -12.0690



233.8990, -18.8890, -4.5930



154.6110, -28.3270, -42.8150



116.9600, -11.6910, -2.8830



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.7580, -49.4690, -12.0690



193.9980, -76.7480, -18.7960



130.5170, -37.6440, 10.4200



90.7220, -5.0890, -1.3850



97.2570, -87.8430, -21.4670



18.7960, -17.1010, -3.9570

Inverse Universe

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



136.2750, 28.6480, 42.5040



163.7140, 44.3700, 65.9540



160.4830, 37.6440, -10.4200



88.6030, 2.7960, 4.3960



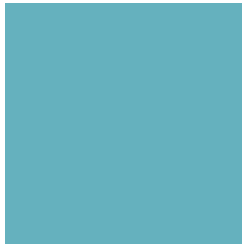
62.6320, 50.8330, 75.4810



12.2330, 10.1300, 14.6580

Previews

White Background



This preview shows how the YIQ color 155.7580, -49.4690, -12.0690 looks on a white background.

Color Contrast Check

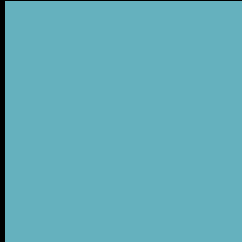
Large Text (above 18pt) WCAG AA × Fail

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 155.7580, -49.4690, -12.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

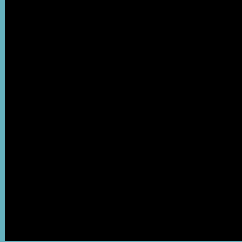
Any Text WCAG AA ✓ Pass

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 155.7580, -49.4690, -12.0690 Background



This preview shows how black text looks on a background with the YIQ color 155.7580, -49.4690, -12.0690.



This preview shows how white text looks on a background with the YIQ color 155.7580, -49.4690, -12.0690.

-12.0690.

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

155.7580, -49.4690, -12.0690

Protanopia

165.6390, -6.0530, 5.0750

Deuteranopia

166.4420, -6.6960, 11.2240



Tritanopia

155.8720, -49.7900, -11.7580

Trichromacy



Original Color

155.7580, -49.4690, -12.0690

Protanomaly

162.0390, -22.0990, -1.4830

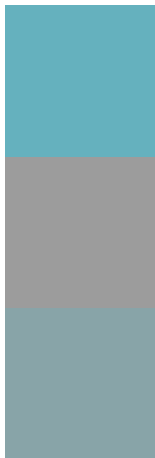
Deuteranomaly

162.6740, -22.3290, 2.6870

Tritanomaly

155.8720, -49.7900, -11.7580

Monochromacy



Original Color

155.7580, -49.4690, -12.0690

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.0840, -17.9720, -4.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7580, -49.4690, -12.0690 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(101, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(101, 177, 190)  
}
```

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(101, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 177, 190) }
```

Border

The CSS property to change the border of an element to YIQ 155.7580, -49.4690, -12.0690 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(101, 177, 190) }
```


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

```
.border{ border-color:rgb(101, 177, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 177, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(101, 177,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7580, -49.4690, -12.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 177, 190) }
```

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

```
.background{ background-color: rgb(101,  
177, 190) }
```

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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