

Converting Colors

YIQ(159.7880, 47.2710, -3.1690)

Have a look what the booklet for
YIQ(159.7880, 47.2710, -3.1690)
contains.

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Color

**YIQ(159.7880, 47.2710,
-3.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9566
RGB	203, 149, 102
RGB Percent	80%, 58%, 40%
CMY	0.2038, 0.4158, 0.5998
CMYK	0.00, 0.27, 0.50, 0.20
HSL	28°, 49%, 60%
HSV	28°, 50%, 80%
XYZ	37.7804, 35.1482, 17.3783
YIQ	159.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

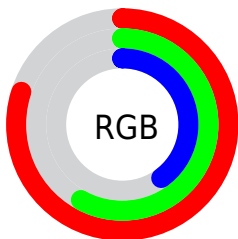
Format	Color
R _Y B	203, 190, 102
Decimal	13342054
CIE Lab	65.86, 14.77, 32.66
CIE LCh	66, 35.842, 65.664
Yxy	35.1482, 0.4184, 0.3892
Android (android.graphics.Color)	4291532134 (0xFFCB9566)
YUV	159.7880, -28.4895, 37.8969
Hunter-Lab	59.2859, 10.0003, 24.1207

Details

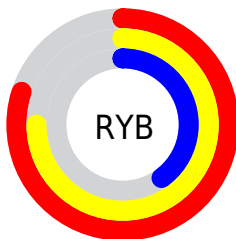
The YIQ color **159.7880, 47.2710, -3.1690** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **145.2120, -47.2710, 3.1690**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.9620, 46.7210, -4.2150**, and **107.3360, 42.7320, -3.5080** is the 20% darker color. If you saturate the color by 10%, you get **151.0510, 56.7160, -3.6360**, and if you desaturate by 10%, it is **168.5250, 37.8260, -2.7020**.

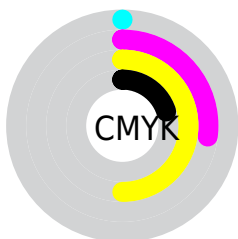
Distribution



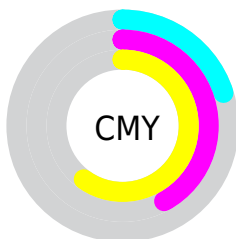
- Red (80%)
- Green (58%)
- Blue (40%)



- Red (80%)
- Yellow (75%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.7880, 47.2710, -3.1690 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 159.7880, 47.2710, -3.1690 by changing the saturation by 10% instead.

■ 159.7880, 47.2710,
-3.1690

■ 159.7880, 47.2710,
-3.1690

■ 255.0000, -0.0000,
-0.0000

■ 133.1190, 44.8410,
-3.1830

■ 212.9620, 46.7210,
-4.2150

■ 107.3360, 42.7320,
-3.5080

■ 232.4760, 30.3540,
-10.4620

■ 82.5530, 40.6230,
-3.8330

■ 249.6420, 15.0870,
-14.6170

■ 58.3570, 38.2390,
-4.6810

■ 252.9480, 5.7780,
-5.5980

■ 37.3440, 31.0860,
-1.6980

■ 17.5420, 21.9610,
3.9850

■ 0.0000, 0.0000,

0.0000

■ 159.7880, 47.2710,
-3.1690

■ 159.7880, 47.2710,
-3.1690

■ 151.0510, 56.7160,
-3.6360

■ 168.5250, 37.8260,
-2.7020

■ 142.2000, 66.4820,
-4.4140

■ 177.3760, 28.0600,
-1.9240

■ 133.4630, 75.9270,
-4.8810

■ 186.1130, 18.6150,
-1.4570

■ 125.3130, 85.0970,
-5.8710

■ 194.2630, 9.4450,
-0.4670

■ 116.5760, 94.5420,
-6.3380

■ 203.1140, -0.3210,
0.3110

■ 115.8750, 95.1380,
-6.1260

■ 211.8510, -9.7660,
0.7780

■ 220.5880,
-19.2110, 1.2450

■ 228.2990,
-25.7670, -1.0870

■ 234.7560,
-28.7920, -6.8400

Harmonies

Analogous

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



161.5090, 53.0910, 12.5070



159.7880, 47.2710, -3.1690



157.0750, 29.8050, -17.0350

Triad

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



159.7880, 47.2710, -3.1690



139.7520, -67.6680, -29.1720



163.0590, -6.5150, 24.4690

Complementary

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



159.7880, 47.2710, -3.1690



145.2120, -47.2710, 3.1690

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.



157.1190, -42.2750, 11.7490



159.7880, 47.2710, -3.1690



131.6360, -99.3960, -26.8520

Square

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



159.7880, 47.2710, -3.1690



148.2710, -29.7050, -28.8490



144.6750, -76.7960, -6.9080



164.5050, 24.5240, 29.1320

Rectangle

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



159.7880, 47.2710, -3.1690



154.7030, 13.1170, -22.9710



144.6750, -76.7960, -6.9080



161.6060, -18.4810, 21.0630

Sweetspot

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



159.7880, 47.2710, -3.1690



238.9280, 17.6980, -1.3580



138.5830, 42.2200, 38.8280



117.7470, 10.9580, -0.3540



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.



159.7880, 47.2710, -3.1690



189.4240, 71.6630, -4.6970



188.5510, 33.7960, -28.7960



97.9250, 4.5850, -0.4950



94.8330, 77.7610, -5.0790



21.9280, 17.6980, -1.3580

Inverse Universe

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



145.2120, -47.2710, 3.1690



167.5760, -71.6630, 4.6970



116.4490, -33.7960, 28.7960



96.0750, -4.5850, 0.4950



71.1670, -77.7610, 5.0790



16.0720, -17.6980, 1.3580

Previews

White Background



This preview shows how the YIQ color 159.7880, 47.2710, -3.1690 looks on a white background.

Color Contrast Check

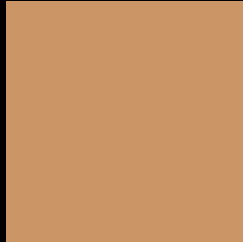
Large Text (above 18pt) WCAG AA × Fail

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 159.7880, 47.2710, -3.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

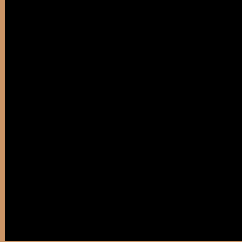
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7880, 47.2710, -3.1690

Background



This preview shows how black text looks on a background with the YIQ color 159.7880, 47.2710, -3.1690.



This preview shows how white text looks on a background with the YIQ color 159.7880, 47.2710,

-3.1690.

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

159.7880, 47.2710, -3.1690

Protanopia

158.1440, 25.3570, -13.5150

Deuteranopia

159.0320, 40.5320, -7.6920



Tritanopia

162.6890, 35.2090, 17.2010

Trichromacy



Original Color

159.7880, 47.2710, -3.1690

Protanomaly

158.8570, 33.6550, -9.7130

Deuteranomaly

159.6410, 43.1910, -6.3210

Tritanomaly

161.9850, 39.8870, 9.5110

Monochromacy



Original Color

159.7880, 47.2710, -3.1690

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0420, 17.3770, -1.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7880, 47.2710, -3.1690 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(203, 149, 102)` looks like.

```
.text, #text, p{  
    color:rgb(203, 149, 102)  
}
```

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(203, 149, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 149, 102) }
```

Border

The CSS property to change the border of an element to YIQ 159.7880, 47.2710, -3.1690 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(203, 149, 102) }
```


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

```
.border{ border-color:rgb(203, 149, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 149, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 149, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 149, 102);  
box-shadow:4px 4px 4px 4px rgb(203, 149,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7880, 47.2710, -3.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 149, 102) }
```

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

```
.background{ background-color: rgb(203,  
149, 102) }
```

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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