

Converting Colors

YIQ(177.7050, 27.9710,
-16.8370)

Have a look what the booklet for
YIQ(177.7050, 27.9710, -16.8370)
contains.

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Color

**YIQ(177.7050, 27.9710,
-16.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B576
RGB	194, 181, 118
RGB Percent	76%, 71%, 46%
CMY	0.2392, 0.2902, 0.5371
CMYK	0.00, 0.07, 0.39, 0.24
HSL	50°, 38%, 61%
HSV	50°, 39%, 76%
XYZ	42.0428, 45.8235, 23.7812
YIQ	177.7050, 27.9710, -16.8370

Conversions

Conversions Part 2

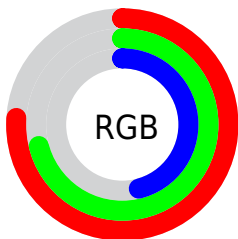
Format	Color
RYB	134, 194, 118
Decimal	12760438
CIELab	73.43, -4.51, 33.75
CIELCh	73, 34.047, 97.613
Yxy	45.8235, 0.3766, 0.4104
Android (android.graphics.Color)	4290950518 (0xFFC2B576)
YUV	177.7050, -29.4346, 14.2907
Hunter-Lab	67.6930, -7.6002, 26.5560

Details

The YIQ color $177.7050, 27.9710, -16.8370$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $134.2950, -27.9710, 16.8370$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.9610, 30.1260, -17.3460$, and $124.4490, 25.8160, -16.3280$ is the 20% darker color. If you saturate the color by 10%, you get $173.7780, 34.8950, -21.1770$, and if you desaturate by 10%, it is $181.6320, 21.0470, -12.4970$.

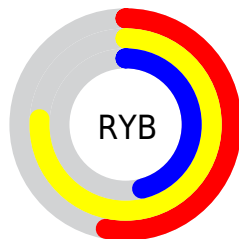
Distribution



Red (76%)

Green (71%)

Blue (46%)



Red (53%)

Yellow (76%)

Blue (46%)

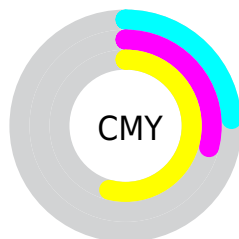


Cyan (0%)

Magenta (7%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.7050, 27.9710, -16.8370 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 177.7050, 27.9710, -16.8370 by changing the saturation by 10% instead.

■ 177.7050, 27.9710,
-16.8370

■ 177.7050, 27.9710,
-16.8370

255.0000, -0.0000,
-0.0000

■ 150.6340, 26.7330,
-16.4270

■ 233.9610, 30.1260,
-17.3460

■ 124.4490, 25.8160,
-16.3280

■ 248.5020, 18.2970,
-17.7270

■ 99.3780, 24.5780,
-15.9180

■ 251.8080, 8.9880,
-8.7080

■ 74.7800, 23.3860,
-16.3420

■ 51.9970, 21.2770,
-16.6670

■ 32.2060, 13.6190,
-10.0370

■ 11.1970, 0.6430,

-6.1490

■ 0.0000, 0.0000,
0.0000

■ 177.7050, 27.9710,
-16.8370

■ 177.7050, 27.9710,
-16.8370

■ 173.7780, 34.8950,
-21.1770

■ 181.6320, 21.0470,
-12.4970

■ 169.1500, 42.4150,
-25.3050

■ 186.2600, 13.5270,
-8.3690

■ 165.2230, 49.3390,
-29.6450

■ 190.1870, 6.6030,
-4.0290

■ 161.1820, 56.5840,
-34.2960

■ 194.2280, -0.6420,
0.6220

■ 156.6680, 63.7830,
-38.1130

■ 198.7420, -7.8410,
4.4390

■ 152.7410, 70.7070,
-42.4530

■ 202.6690,
-14.7650, 8.7790

■ 152.5130, 71.3490,
-43.0750

■ 206.7100,
-22.0100, 13.4300

■ 209.1720,
-23.4310, 11.6490

■ 210.9330,
-24.2560, 10.0800

Harmonies

Analogous

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



180.1900, 46.0790, -3.5930



177.7050, 27.9710, -16.8370



174.1900, 1.3800, -25.0200

Triad

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



177.7050, 27.9710, -16.8370



161.6170, -80.0490, -19.5450



185.1630, 25.4870, 28.1990

Complementary

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



177.7050, 27.9710, -16.8370



134.2950, -27.9710, 16.8370

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.



183.7280, -4.0850, 24.4830



177.7050, 27.9710, -16.8370



169.3450, -66.9390, -3.8270

Square

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



177.7050, 27.9710, -16.8370



163.9700, -62.3500, -26.4300



178.6850, -38.0570, 12.3990



183.9400, 44.9280, 22.7840

Rectangle

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



177.7050, 27.9710, -16.8370



170.8870, -19.7560, -27.4360



178.6850, -38.0570, 12.3990



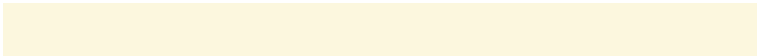
185.2590, 16.4090, 27.5210

Sweetspot

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



177.7050, 27.9710, -16.8370



245.6450, 11.0050, -6.7150



142.3200, 40.8020, 20.4660



123.6000, 6.8780, -3.5060



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.



177.7050, 27.9710, -16.8370



226.8080, 43.3780, -26.2380



178.1600, 10.0920, -28.7240



94.6860, 3.7600, -2.0640



126.2100, 59.3810, -35.4270



25.7160, 12.2430, -7.1250

Inverse Universe

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



134.2950, -27.9710, 16.8370



159.1920, -43.3780, 26.2380



133.8400, -10.0920, 28.7240



89.3140, -3.7600, 2.0640



34.2030, -59.1060, 35.9500



7.2840, -12.2430, 7.1250

Previews

White Background



This preview shows how the YIQ color 177.7050, 27.9710, -16.8370 looks on a white background.

Color Contrast Check

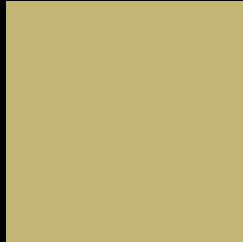
Large Text (above 18pt) WCAG AA × Fail

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 177.7050, 27.9710, -16.8370 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 177.7050, 27.9710, -16.8370

Background



This preview shows how black text looks on a background with the YIQ color 177.7050, 27.9710, -16.8370.



This preview shows how white text looks on a background with the YIQ color 177.7050, 27.9710, -16.8370.

-16.8370.

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

177.7050, 27.9710, -16.8370

Protanopia

177.7160, 29.4380, -15.8900

Deuteranopia

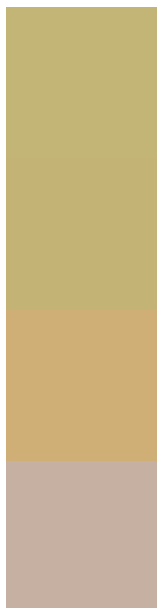
179.2280, 42.9160, -6.8440



Tritanopia

182.8540, 12.5150, 9.9790

Trichromacy



Original Color

177.7050, 27.9710, -16.8370

Protanomaly

177.4170, 28.8420, -16.1020

Deuteranomaly

178.4830, 37.6440, -10.4200

Tritanomaly

180.8680, 17.9270, -0.0010

Monochromacy



Original Color

177.7050, 27.9710, -16.8370

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7050, 27.9710, -16.8370 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(194, 181, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 118)  
}
```

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(194, 181, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 118) }
```

Border

The CSS property to change the border of an element to YIQ 177.7050, 27.9710, -16.8370 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(194, 181, 118) }
```


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

```
.border{ border-color:rgb(194, 181, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7050, 27.9710, -16.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 118) }
```

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

```
.background{ background-color: rgb(194,  
181, 118) }
```

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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