

Converting Colors

YIQ(199.1050, 30.2610, -3.2670)

Have a look what the booklet for
YIQ(199.1050, 30.2610, -3.2670)
contains.

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Color

**YIQ(199.1050, 30.2610,
-3.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C1A0
RGB	226, 193, 160
RGB Percent	89%, 76%, 63%
CMY	0.1137, 0.2432, 0.3724
CMYK	0.00, 0.15, 0.29, 0.11
HSL	30°, 53%, 76%
HSV	30°, 29%, 89%
XYZ	56.7840, 56.8443, 41.2539
YIQ	199.1050, 30.2610, -3.2670

Conversions

Conversions Part 2

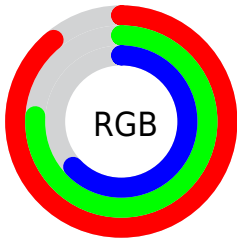
Format	Color
R _Y B	226, 226, 160
Decimal	14860704
CIE Lab	80.09, 6.92, 20.95
CIE LCh	80, 22.069, 71.715
Yxy	56.8443, 0.3666, 0.3670
Android (android.graphics.Color)	4293050784 (0xFFE2C1A0)
YUV	199.1050, -19.2788, 23.5869
Hunter-Lab	75.3951, 2.4961, 20.3349

Details

The YIQ color $199.1050, 30.2610, -3.2670$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.8950, -30.2610, 3.2670$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9180, 14.4900, -9.3020$, and $145.3220, 28.1520, -3.5920$ is the 20% darker color. If you saturate the color by 10%, you get $190.0260, 40.6690, -4.6670$, and if you desaturate by 10%, it is $208.1840, 19.8530, -1.8670$.

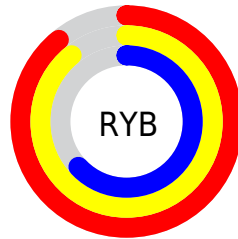
Distribution



Red (89%)

Green (76%)

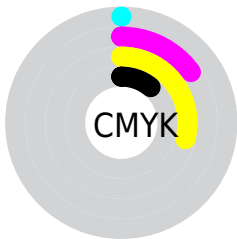
Blue (63%)



Red (89%)

Yellow (89%)

Blue (63%)

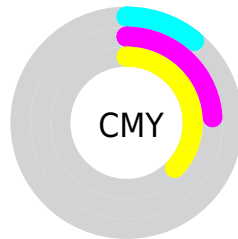


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (24%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.1050, 30.2610, -3.2670 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 199.1050, 30.2610, -3.2670 by changing the saturation by 10% instead.


 199.1050, 30.2610,
-3.2670


 199.1050, 30.2610,
-3.2670


255.0000, -0.0000,
-0.0000


 171.9200, 29.3440,
-3.1680


 246.9180, 14.4900,
-9.3020


 145.3220, 28.1520,
-3.5920

 253.6320, 3.8520,
-3.7320

 119.2510, 26.9140,
-3.1820

 94.4680, 24.8050,
-3.5070

 70.2830, 23.8880,
-3.4080

 47.5000, 21.7790,
-3.7330

 26.3580, 19.3030,

-2.9130

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 199.1050, 30.2610,
-3.2670

■ 199.1050, 30.2610,
-3.2670

■ 190.0260, 40.6690,
-4.6670

■ 208.1840, 19.8530,
-1.8670

■ 180.4740, 51.0310,
-5.2330

■ 217.7360, 9.4910,
-1.3010

■ 171.3950, 61.4390,
-6.6330

■ 226.8150, -0.9170,
0.0990

■ 162.4300, 71.5260,
-7.7220

■ 235.7800,
-11.0040, 1.1880

■ 152.7640, 82.2090,
-8.5990

■ 243.3940,
-15.9090, -3.5330

■ 143.6850, 92.6170,
-9.9990

■ 246.3290,
-17.2840, -6.1480

■ 134.7200,
102.7040, -11.0880

■ 133.9050,
103.6210, -11.1870

Harmonies

Analogous

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



200.8380, 35.8070, 6.3590



199.1050, 30.2610, -3.2670



197.0060, 17.0580, -11.7900

Triad

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



199.1050, 30.2610, -3.2670



190.6960, -37.7310, -15.5470



201.6110, 0.3180, 16.2700

Complementary

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



199.1050, 30.2610, -3.2670



186.8950, -30.2610, 3.2670

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.



199.0860, -20.3130, 10.2070



199.1050, 30.2610, -3.2670



191.3890, -43.8760, -8.8040

Square

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



199.1050, 30.2610, -3.2670



191.6130, -21.5000, -17.8520



194.6060, -36.8170, 0.9350



202.7180, 19.0700, 17.8380

Rectangle

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



199.1050, 30.2610, -3.2670



195.4390, 5.4130, -15.5070



194.6060, -36.8170, 0.9350



200.9630, -6.6050, 15.0830

Sweetspot

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



199.1050, 30.2610, -3.2670



245.9210, 10.4080, -1.4000



183.6100, 28.4220, 24.5660



121.5940, 7.0150, -0.4810



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.



199.1050, 30.2610, -3.2670



218.4390, 40.9440, -4.1440



217.8890, 21.4610, -20.0030



107.8110, 4.9060, -0.8060



104.2800, 80.6960, -8.7120



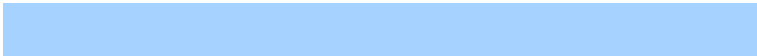
28.4400, 22.0080, -2.3760

Inverse Universe

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



186.8950, -30.2610, 3.2670



201.9740, -40.6690, 4.6670



168.1110, -21.4610, 20.0030



105.7760, -5.1810, 0.2830



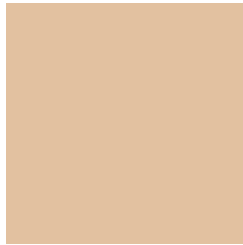
71.7200, -80.6960, 8.7120



19.5600, -22.0080, 2.3760

Previews

White Background



This preview shows how the YIQ color 199.1050, 30.2610, -3.2670 looks on a white background.

Color Contrast Check

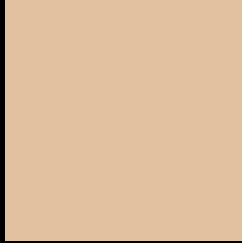
Large Text (above 18pt) WCAG AA × Fail

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 199.1050, 30.2610, -3.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

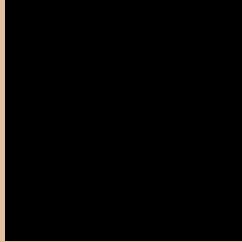
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1050, 30.2610, -3.2670

Background



This preview shows how black text looks on a background with the YIQ color 199.1050, 30.2610, -3.2670.



This preview shows how white text looks on a background with the YIQ color 199.1050, 30.2610, -3.2670.

-3.2670.

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

199.1050, 30.2610, -3.2670

Protanopia

197.5980, 18.3870, -8.3410

Deuteranopia

199.4260, 33.7910, -1.1610



Tritanopia

201.8660, 21.4090, 13.9930

Trichromacy



Original Color

199.1050, 30.2610, -3.2670

Protanomaly

198.1040, 22.8340, -6.3340

Deuteranomaly

199.4150, 32.3240, -2.1080

Tritanomaly

200.7320, 24.4820, 7.8580

Monochromacy



Original Color

199.1050, 30.2610, -3.2670

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.2200, 11.0040, -1.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1050, 30.2610, -3.2670 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(226, 193, 160)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 160)  
}
```

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(226, 193, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 160) }
```

Border

The CSS property to change the border of an element to YIQ 199.1050, 30.2610, -3.2670 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(226, 193, 160) }
```


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

```
.border{ border-color:rgb(226, 193, 160) }
```

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

Here you see how a box with a 4 pixel rgb(226, 193, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 160);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1050, 30.2610, -3.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 160) }
```

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

```
.background{ background-color: rgb(226,  
193, 160) }
```

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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