

Converting Colors

YIQ(170.2670, 29.9850, 1.7370)

Have a look what the booklet for
YIQ(170.2670, 29.9850, 1.7370)
contains.

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Color

**YIQ(170.2670, 29.9850,
1.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A18C
RGB	200, 161, 140
RGB Percent	78%, 63%, 55%
CMY	0.2156, 0.3687, 0.4508
CMYK	0.00, 0.20, 0.30, 0.22
HSL	21°, 35%, 67%
HSV	21°, 30%, 78%
XYZ	41.3030, 39.6606, 30.3026
YIQ	170.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

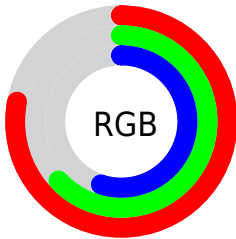
Format	Color
R _Y B	200, 172, 140
Decimal	13148556
CIE Lab	69.23, 11.36, 16.37
CIE LCh	69, 19.922, 55.230
Yxy	39.6606, 0.3712, 0.3564
Android (android.graphics.Color)	4291338636 (0xFFC8A18C)
YUV	170.2670, -14.9216, 26.0758
Hunter-Lab	62.9767, 6.8594, 15.5550

Details

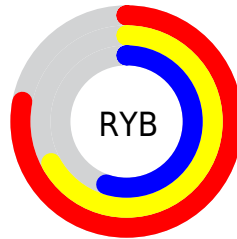
The YIQ color **170.2670, 29.9850, 1.7370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **169.7330, -29.9850, -1.7370**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1530, 30.3060, 1.4260**, and **117.5980, 27.5550, 1.7230** is the 20% darker color. If you saturate the color by 10%, you get **160.3560, 39.9800, 2.3160**, and if you desaturate by 10%, it is **180.1780, 19.9900, 1.1580**.

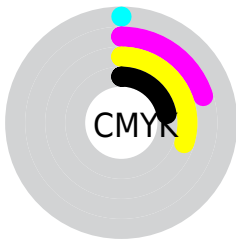
Distribution



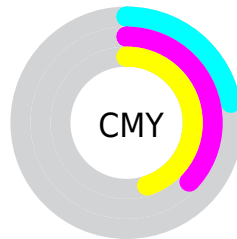
- Red (78%)
- Green (63%)
- Blue (55%)



- Red (78%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.2670, 29.9850, 1.7370 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 170.2670, 29.9850, 1.7370 by changing the saturation by 10% instead.


 170.2670, 29.9850,
1.7370


 170.2670, 29.9850,
1.7370


255.0000, -0.0000,
-0.0000


 143.6690, 28.7930,
1.3130


 225.1530, 30.3060,
1.4260


 117.5980, 27.5550,
1.7230


 244.7810, 13.6180,
-4.5100

 93.0000, 26.3630,
1.2990

 254.4300, 1.6050,
-1.5550

 69.2170, 24.2540,
0.9740

 46.4340, 22.1450,
0.6490

 24.9070, 22.1910,
-0.1850

 5.6810, 11.3240,

4.0280

0.0000, 0.0000,
0.0000

170.2670, 29.9850,
1.7370

170.2670, 29.9850,
1.7370

160.3560, 39.9800,
2.3160

180.1780, 19.9900,
1.1580

150.4450, 49.9750,
2.8950

190.0890, 9.9950,
0.5790

140.5340, 59.9700,
3.4740

200.0000, -0.0000,
-0.0000

130.6230, 69.9650,
4.0530

209.9110, -9.9950,
-0.5790

120.7120, 79.9600,
4.6320

219.8220,
-19.9900, -1.1580

■ 110.8010, 89.9550,
5.2110

■ 229.1630,
-28.3800, -3.2920

■ 100.8900, 99.9500,
5.7900

■ 236.7940,
-31.9550, -10.0910

■ 238.5550,
-32.7800, -11.6600

Harmonies

Analogous

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



171.3090, 30.1670, 9.4550



170.2670, 29.9850, 1.7370



168.8050, 22.2380, -6.5460

Triad

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



170.2670, 29.9850, 1.7370



162.1550, -25.9020, -15.1660



170.1150, -10.0890, 12.1430

Complementary

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



170.2670, 29.9850, 1.7370



169.7330, -29.9850, -1.7370

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.



166.8030, -27.0060, 4.8500



170.2670, 29.9850, 1.7370



161.6300, -37.3650, -11.1650

Square

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



170.2670, 29.9850, 1.7370



164.4250, -9.1670, -15.5910



163.2590, -37.4580, -3.9700



172.3900, 8.2500, 15.6900

Rectangle

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



170.2670, 29.9850, 1.7370



167.3800, 13.0690, -11.0830



163.2590, -37.4580, -3.9700



169.1250, -16.0490, 10.0230

Sweetspot

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



170.2670, 29.9850, 1.7370



243.5730, 11.5080, 0.6920



162.5000, 22.9200, 25.1600



120.4200, 7.5650, 0.5650



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.



170.2670, 29.9850, 1.7370



209.2920, 46.0320, 2.7680



187.2900, 22.0100, -13.4300



94.4520, 4.5390, 0.3390



82.1960, 81.4730, 4.7450



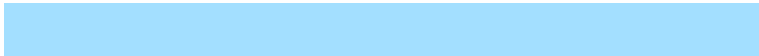
17.8080, 18.1560, 1.3560

Inverse Universe

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



169.7330, -29.9850, -1.7370



208.7080, -46.0320, -2.7680



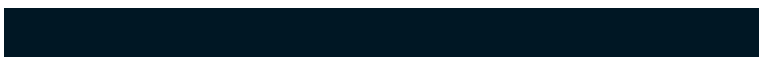
152.7100, -22.0100, 13.4300



94.5480, -4.5390, -0.3390



80.8040, -81.4730, -4.7450



17.6050, -17.8810, -0.8330

Previews

White Background



This preview shows how the YIQ color 170.2670, 29.9850, 1.7370 looks on a white background.

Color Contrast Check

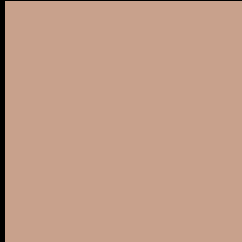
Large Text (above 18pt) WCAG AA × Fail

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 170.2670, 29.9850, 1.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

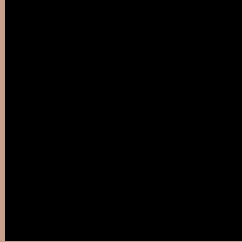
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2670, 29.9850, 1.7370

Background



This preview shows how black text looks on a background with the YIQ color 170.2670, 29.9850, 1.7370.



This preview shows how white text looks on a background with the YIQ color 170.2670, 29.9850,

1.7370.

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

170.2670, 29.9850, 1.7370

Protanopia

168.8410, 13.3890, -5.8670

Deuteranopia

170.2450, 27.0510, -0.1570



Tritanopia

172.1220, 23.5640, 13.4840

Trichromacy



Original Color

170.2670, 29.9850, 1.7370

Protanomaly

169.3580, 19.3030, -2.9130

Deuteranomaly

169.9570, 27.9220, 0.5780

Tritanomaly

171.1560, 26.2240, 9.3280

Monochromacy



Original Color

170.2670, 29.9850, 1.7370

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2740, 10.9120, 0.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2670, 29.9850, 1.7370 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(200, 161, 140)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 140)  
}
```

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(200, 161, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 140) }
```

Border

The CSS property to change the border of an element to YIQ 170.2670, 29.9850, 1.7370 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(200, 161, 140) }
```


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

```
.border{ border-color:rgb(200, 161, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 140);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2670, 29.9850, 1.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 140) }
```

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

```
.background{ background-color: rgb(200,  
161, 140) }
```

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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