

Converting Colors

YIQ(171.7110, 28.9750, 9.0310)

Have a look what the booklet for
YIQ(171.7110, 28.9750, 9.0310)
contains.

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Color

**YIQ(171.7110, 28.9750,
9.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9E9B
RGB	205, 158, 155
RGB Percent	80%, 62%, 61%
CMY	0.1960, 0.3804, 0.3920
CMYK	0.00, 0.23, 0.24, 0.20
HSL	4°, 33%, 71%
HSV	4°, 24%, 80%
XYZ	43.3270, 39.7977, 36.4217
YIQ	171.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

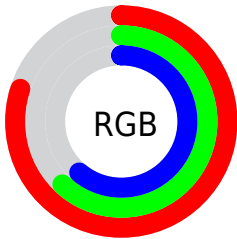
Format	Color
R _Y B	205, 158, 155
Decimal	13475483
CIE Lab	69.33, 17.03, 8.28
CIE LCh	69, 18.932, 25.929
Yxy	39.7977, 0.3624, 0.3329
Android (android.graphics.Color)	4291665563 (0xFFCD9E9B)
YUV	171.7110, -8.2385, 29.1945
Hunter-Lab	63.0854, 12.1942, 9.9293

Details

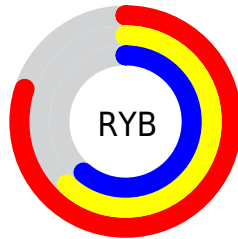
The YIQ color **171.7110, 28.9750, 9.0310** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **188.2890, -28.9750, -9.0310**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.1020, 26.3160, 7.6600**, and **118.9280, 26.8660, 8.7060** is the 20% darker color. If you saturate the color by 10%, you get **158.2780, 40.6200, 12.7480**, and if you desaturate by 10%, it is **185.2580, 17.0090, 5.6250**.

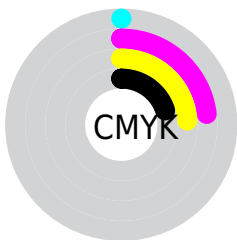
Distribution



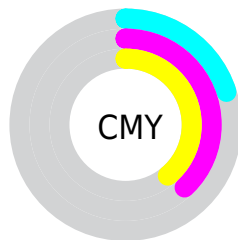
- Red (80%)
- Green (62%)
- Blue (61%)



- Red (80%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.7110, 28.9750, 9.0310 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 171.7110, 28.9750, 9.0310 by changing the saturation by 10% instead.


 171.7110, 28.9750,
9.0310


 171.7110, 28.9750,
9.0310


255.0000, -0.0000,
-0.0000


 145.1130, 27.7830,
8.6070


 225.1020, 26.3160,
7.6600


 118.9280, 26.8660,
8.7060

 244.8440, 9.3070,
2.0350

 94.0310, 25.0780,
8.0700

 70.4330, 23.8860,
7.6460

 47.0630, 22.0520,
7.8440

 25.0520, 20.5850,
6.8970

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 171.7110, 28.9750,
9.0310

■ 171.7110, 28.9750,
9.0310

■ 158.2780, 40.6200,
12.7480

■ 185.2580, 17.0090,
5.6250

■ 144.1440, 52.8610,
16.6770

■ 199.2780, 5.0890,
1.3850

■ 130.7110, 64.5060,
20.3940

■ 212.8250, -6.8770,
-2.0210

■ 117.1640, 76.4720,
23.8000

■ 226.2580,
-18.5220, -5.7380

■ 103.7310, 88.1170,
27.5170

■ 239.4630,
-29.5250, -10.0770

■ 89.5970, 100.3580,
31.4460

■ 240.0500,
-29.8000, -10.6000

■ 76.1640, 112.0030,
35.1630

■ 68.3390, 118.8800,
37.1840

Harmonies

Analogous

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



172.1650, 22.0050, 14.2050



171.7110, 28.9750, 9.0310



170.6690, 28.7930, 1.3130

Triad

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



171.7110, 28.9750, 9.0310



164.9520, -9.2130, -14.7570



167.4720, -24.5760, 4.8640

Complementary

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



171.7110, 28.9750, 9.0310



188.2890, -28.9750, -9.0310

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.



164.3410, -34.7530, -3.4330



171.7110, 28.9750, 9.0310



162.8670, -25.0310, -14.4310

Square

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



171.7110, 28.9750, 9.0310



166.9170, 7.0630, -12.3690



162.8260, -34.9810, -10.3170



170.7730, -9.1260, 11.2100

Rectangle

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



171.7110, 28.9750, 9.0310



169.1690, 24.2090, -3.7190



162.8260, -34.9810, -10.3170



166.4390, -28.9770, 2.0230

Sweetspot

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



171.7110, 28.9750, 9.0310



242.9690, 10.4530, 3.2930



175.4220, 14.3920, 25.5280



120.8760, 6.2810, 1.8090



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.



171.7110, 28.9750, 9.0310



205.4740, 43.0040, 13.5960



186.3860, 22.1000, -4.0440



94.9900, 5.9600, 2.1200



55.5040, 96.1860, 29.9620



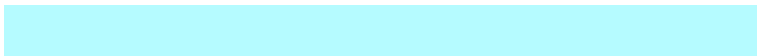
12.5360, 22.0980, 7.0100

Inverse Universe

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



188.2890, -28.9750, -9.0310



230.5260, -43.0040, -13.5960



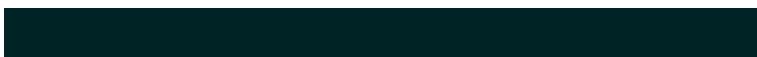
174.2010, -22.3750, 3.5210



98.4230, -5.6850, -1.5970



110.4960, -96.1860, -29.9620



25.4640, -22.0980, -7.0100

Previews

White Background



This preview shows how the YIQ color 171.7110, 28.9750, 9.0310 looks on a white background.

Color Contrast Check

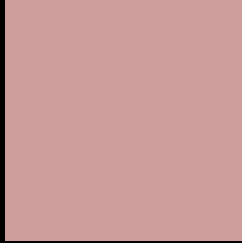
Large Text (above 18pt) WCAG AA × Fail

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 171.7110, 28.9750, 9.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

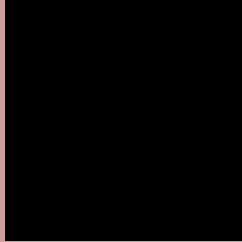
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.7110, 28.9750, 9.0310

Background



This preview shows how black text looks on a background with the YIQ color 171.7110, 28.9750, 9.0310.



This preview shows how white text looks on a background with the YIQ color 171.7110, 28.9750,

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

171.7110, 28.9750, 9.0310

Protanopia

169.8820, 6.1440, -1.2160

Deuteranopia

170.6450, 20.1730, 3.3490



Tritanopia

172.3180, 25.9480, 14.3320

Trichromacy



Original Color

171.7110, 28.9750, 9.0310

Protanomaly

170.5950, 14.4420, 2.5860

Deuteranomaly

170.9660, 23.7030, 5.4550

Tritanomaly

172.3350, 27.2780, 12.2540

Monochromacy



Original Color

171.7110, 28.9750, 9.0310

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.9690, 10.4530, 3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7110, 28.9750, 9.0310 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(205, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 155)  
}
```

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(205, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 155) }
```

Border

The CSS property to change the border of an element to YIQ 171.7110, 28.9750, 9.0310 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(205, 158, 155) }
```


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

```
.border{ border-color:rgb(205, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(205, 158,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7110, 28.9750, 9.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 155) }
```

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

```
.background{ background-color: rgb(205,  
158, 155) }
```

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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