

Converting Colors

YIQ(170.4290, 29.7090, 6.7410)

Have a look what the booklet for
YIQ(170.4290, 29.7090, 6.7410)
contains.

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Color

**YIQ(170.4290, 29.7090,
6.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9E95
RGB	203, 158, 149
RGB Percent	80%, 62%, 58%
CMY	0.2038, 0.3804, 0.4156
CMYK	0.00, 0.22, 0.27, 0.20
HSL	10°, 34%, 69%
HSV	10°, 27%, 80%
XYZ	42.2866, 39.3183, 33.8076
YIQ	170.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

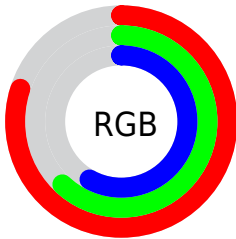
Format	Color
R _Y B	203, 160, 149
Decimal	13344405
CIE Lab	68.98, 15.40, 11.09
CIE LCh	69, 18.980, 35.751
Yxy	39.3183, 0.3664, 0.3407
Android (android.graphics.Color)	4291534485 (0xFFCB9E95)
YUV	170.4290, -10.5645, 28.5648
Hunter-Lab	62.7043, 10.6445, 11.9264

Details

The YIQ color **170.4290, 29.7090, 6.7410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.5710, -29.7090, -6.7410**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4180, 28.2420, 5.7940**, and **117.6460, 27.6000, 6.4160** is the 20% darker color. If you saturate the color by 10%, you get **158.1700, 40.8040, 9.4120**, and if you desaturate by 10%, it is **182.6880, 18.6140, 4.0700**.

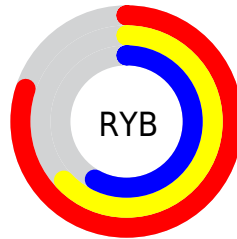
Distribution



Red (80%)

Green (62%)

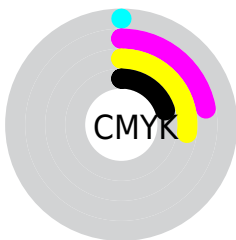
Blue (58%)



Red (80%)

Yellow (63%)

Blue (58%)

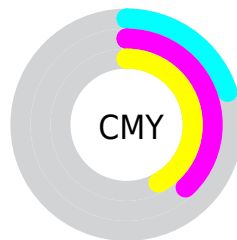


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.4290, 29.7090, 6.7410 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 170.4290, 29.7090, 6.7410 by changing the saturation by 10% instead.


 170.4290, 29.7090,
6.7410


 170.4290, 29.7090,
6.7410


255.0000, -0.0000,
-0.0000


 143.8310, 28.5170,
6.3170


 224.4180, 28.2420,
5.7940


 117.6460, 27.6000,
6.4160

 244.0460, 11.5540,
-0.1420

 92.8630, 25.4910,
6.0910

 69.2650, 24.2990,
5.6670

 46.4820, 22.1900,
5.3420

 24.5420, 21.9610,
3.9850

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 170.4290, 29.7090,
6.7410

■ 170.4290, 29.7090,
6.7410

■ 158.1700, 40.8040,
9.4120

■ 182.6880, 18.6140,
4.0700

■ 145.7970, 52.2200,
11.7720

■ 195.0610, 7.1980,
1.7100

■ 133.5380, 63.3150,
14.4430

■ 207.3200, -3.8970,
-0.9610

■ 121.2790, 74.4100,
17.1140

■ 219.5790,
-14.9920, -3.6320

■ 109.0200, 85.5050,
19.7850

■ 231.9520,
-26.4080, -5.9920

■ 96.6470, 96.9210,
22.1450

■ 239.4520,
-30.9920, -11.0240

■ 84.3880, 108.0160,
24.8160

■ 80.6550, 111.6380,
25.2540

Harmonies

Analogous

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



171.1930, 24.8020, 13.0740



170.4290, 29.7090, 6.7410



169.4190, 26.5010, -1.2030

Triad

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



170.4290, 29.7090, 6.7410



163.3150, -14.6690, -14.9970



167.9780, -20.1290, 6.8710

Complementary

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



170.4290, 29.7090, 6.7410



181.5710, -29.7090, -6.7410

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.



164.2920, -33.0570, -1.1290



170.4290, 29.7090, 6.7410



161.6540, -28.7450, -13.2010

Square

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



170.4290, 29.7090, 6.7410



165.0520, 2.2490, -13.2310



161.8090, -36.3110, -8.2390



170.6490, -2.8450, 13.0190

Rectangle

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



170.4290, 29.7090, 6.7410



167.7340, 21.0000, -6.1360



161.8090, -36.3110, -8.2390



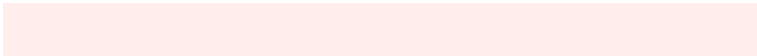
167.0590, -24.8510, 4.3410

Sweetspot

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



170.4290, 29.7090, 6.7410



242.7410, 11.0950, 2.6710



170.3900, 17.4180, 25.7540



120.0610, 7.1980, 1.7100



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.



170.4290, 29.7090, 6.7410



205.7360, 45.0220, 10.0620



185.6910, 22.5590, -6.8570



95.5770, 5.6850, 1.5970



65.4830, 91.5110, 21.0710



14.8840, 20.9980, 4.9180

Inverse Universe

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



181.5710, -29.7090, -6.7410



222.2640, -45.0220, -10.0620



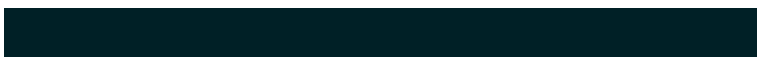
166.3090, -22.5590, 6.8570



97.8360, -5.4100, -1.0740



99.9300, -91.2360, -20.5480



23.1160, -20.9980, -4.9180

Previews

White Background



This preview shows how the YIQ color 170.4290, 29.7090, 6.7410 looks on a white background.

Color Contrast Check

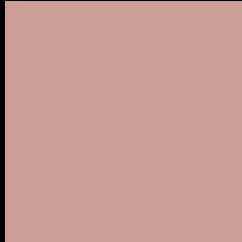
Large Text (above 18pt) WCAG AA × Fail

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 170.4290, 29.7090, 6.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

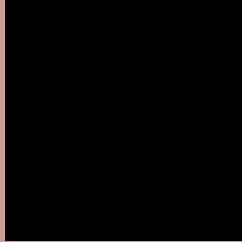
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.4290, 29.7090, 6.7410

Background



This preview shows how black text looks on a background with the YIQ color 170.4290, 29.7090, 6.7410.



This preview shows how white text looks on a background with the YIQ color 170.4290, 29.7090,

6.7410.

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

170.4290, 29.7090, 6.7410

Protanopia

168.4970, 8.6660, -2.8700

Deuteranopia

169.3740, 22.3740, 2.0060



Tritanopia

171.3180, 25.9480, 14.3320

Trichromacy



Original Color

170.4290, 29.7090, 6.7410

Protanomaly

168.9110, 16.3680, 0.7200

Deuteranomaly

169.9830, 25.0330, 3.3770

Tritanomaly

170.8080, 27.3240, 11.4200

Monochromacy



Original Color

170.4290, 29.7090, 6.7410

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3280, 10.8200, 2.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.4290, 29.7090, 6.7410 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, 158, 149)` looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 149)  
}
```

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, 158, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 149) }
```

Border

The CSS property to change the border of an element to YIQ 170.4290, 29.7090, 6.7410 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, 158, 149) }
```


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

```
.border{ border-color:rgb(203, 158, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 158, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 158, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 158, 149); box-shadow:4px 4px 4px 4px rgb(203, 158, 149) }
```

Background

The CSS property to change the background color of an element to YIQ 170.4290, 29.7090, 6.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 149) }
```

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

```
.background{ background-color: rgb(203,  
158, 149) }
```

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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