

Converting Colors

YIQ(173.6810, 28.5190, -4.7370)

Have a look what the booklet for
YIQ(173.6810, 28.5190, -4.7370)
contains.

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Color

**YIQ(173.6810, 28.5190,
-4.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A986
RGB	198, 169, 134
RGB Percent	78%, 66%, 53%
CMY	0.2235, 0.3373, 0.4744
CMYK	0.00, 0.15, 0.32, 0.22
HSL	33°, 36%, 65%
HSV	33°, 32%, 78%
XYZ	41.7831, 42.1010, 28.4914
YIQ	173.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

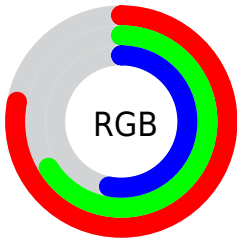
Format	Color
RYB	187, 198, 134
Decimal	13019526
CIELab	70.94, 5.44, 21.97
CIELCh	71, 22.637, 76.101
Yxy	42.1010, 0.3718, 0.3746
Android (android.graphics.Color)	4291209606 (0xFFC6A986)
YUV	173.6810, -19.5627, 21.3278
Hunter-Lab	64.8853, 1.3965, 19.3852

Details

The YIQ color **173.6810, 28.5190, -4.7370** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.3190, -28.5190, 4.7370**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.0510, 30.3530, -4.9350**, and **121.0120, 26.0890, -4.7510** is the 20% darker color. If you saturate the color by 10%, you get **166.1180, 37.4140, -6.2500**, and if you desaturate by 10%, it is **181.2440, 19.6240, -3.2240**.

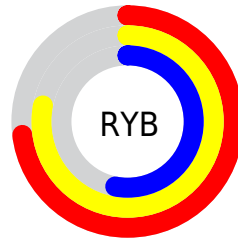
Distribution



Red (78%)

Green (66%)

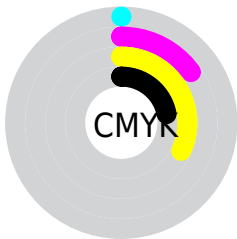
Blue (53%)



Red (73%)

Yellow (78%)

Blue (53%)

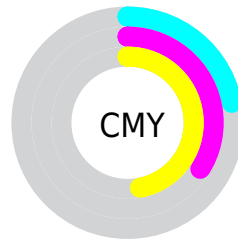


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.6810, 28.5190, -4.7370 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 173.6810, 28.5190, -4.7370 by changing the saturation by 10% instead.

■ 173.6810, 28.5190,
-4.7370

■ 173.6810, 28.5190,
-4.7370

255.0000, -0.0000,
-0.0000

■ 147.1970, 27.0060,
-4.8500

■ 229.0510, 30.3530,
-4.9350

■ 121.0120, 26.0890,
-4.7510

■ 249.2660, 13.3900,
-11.3940

■ 95.9410, 24.8510,
-4.3410

■ 253.7460, 3.5310,
-3.4210

■ 72.0440, 23.0630,
-4.9770

■ 49.5600, 21.5500,
-5.0900

■ 28.4180, 19.0740,
-4.2700

■ 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 173.6810, 28.5190,
-4.7370

■ 173.6810, 28.5190,
-4.7370

■ 166.1180, 37.4140,
-6.2500

■ 181.2440, 19.6240,
-3.2240

■ 158.5550, 46.3090,
-7.7630

■ 188.8070, 10.7290,
-1.7110

■ 151.1060, 54.8830,
-8.9650

■ 196.2560, 2.1550,
-0.5090

■ 143.5430, 63.7780,
-10.4780

■ 203.8190, -6.7400,
1.0040

■ 135.9800, 72.6730,
-11.9910

■ 211.3820,
-15.6350, 2.5170

■ 128.4170, 81.5680,
-13.5040

■ 218.9450,
-24.5300, 4.0300

■ 122.5980, 88.3080,
-14.5080

■ 224.4560,
-27.6470, -0.0550

■ 229.7390,
-30.1220, -4.7620

■ 235.0220,
-32.5970, -9.4690

Harmonies

Analogous

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



175.5990, 34.9820, 4.7900



173.6810, 28.5190, -4.7370



171.8100, 14.6740, -12.6380

Triad

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



173.6810, 28.5190, -4.7370



164.5540, -40.2070, -14.7270



176.9920, 3.6190, 17.0190

Complementary

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



173.6810, 28.5190, -4.7370



158.3190, -28.5190, 4.7370

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.



174.2820, -17.9290, 11.0550



173.6810, 28.5190, -4.7370



165.8450, -45.1600, -7.5600

Square

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



173.6810, 28.5190, -4.7370



166.6450, -24.5260, -18.0780



169.7310, -35.6710, 2.1930



177.3870, 21.5000, 17.8520

Rectangle

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



173.6810, 28.5190, -4.7370



170.0580, 2.1120, -16.2560



169.7310, -35.6710, 2.1930



176.0450, -3.9000, 15.6200

Sweetspot

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



173.6810, 28.5190, -4.7370



245.1060, 11.3250, -1.4990



156.5560, 28.5140, 22.8980



122.0670, 7.0610, -1.3150



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.



173.6810, 28.5190, -4.7370



217.2990, 44.1540, -7.2540



190.1060, 19.3520, -20.3280



95.6260, 3.9890, -0.7070



100.9800, 72.6730, -11.9910



22.5040, 15.9560, -2.8280

Inverse Universe

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



158.3190, -28.5190, 4.7370



193.7010, -44.1540, 7.2540



141.8940, -19.3520, 20.3280



93.3740, -3.9890, 0.7070



62.0200, -72.6730, 11.9910



13.4960, -15.9560, 2.8280

Previews

White Background



This preview shows how the YIQ color 173.6810, 28.5190, -4.7370 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 173.6810, 28.5190, -4.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

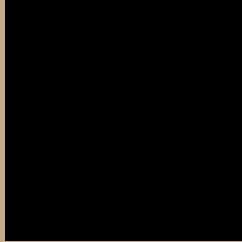
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.6810, 28.5190, -4.7370

Background



This preview shows how black text looks on a background with the YIQ color 173.6810, 28.5190, -4.7370.



This preview shows how white text looks on a background with the YIQ color 173.6810, 28.5190,

-4.7370.

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

173.6810, 28.5190, -4.7370

Protanopia

172.3700, 19.0290, -8.9630

Deuteranopia

174.3010, 32.6450, -2.4190



Tritanopia

176.4420, 19.6670, 12.5230

Trichromacy



Original Color

173.6810, 28.5190, -4.7370

Protanomaly

173.1640, 22.6050, -7.6910

Deuteranomaly

174.2900, 31.1780, -3.3660

Tritanomaly

175.3080, 22.7400, 6.3880

Monochromacy



Original Color

173.6810, 28.5190, -4.7370

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.6810, 28.5190, -4.7370 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(198, 169, 134)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 134)  
}
```

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(198, 169, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 134) }
```

Border

The CSS property to change the border of an element to YIQ 173.6810, 28.5190, -4.7370 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(198, 169, 134) }
```


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

```
.border{ border-color:rgb(198, 169, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 134);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 173.6810, 28.5190, -4.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 134) }
```

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

```
.background{ background-color: rgb(198,  
169, 134) }
```

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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