

Converting Colors

YIQ(170.4130, 26.6380, 1.8220)

Have a look what the booklet for
YIQ(170.4130, 26.6380, 1.8220)
contains.

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Color

**YIQ(170.4130, 26.6380,
1.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A290
RGB	197, 162, 144
RGB Percent	77%, 64%, 56%
CMY	0.2274, 0.3647, 0.4352
CMYK	0.00, 0.18, 0.27, 0.23
HSL	20°, 31%, 67%
HSV	20°, 27%, 77%
XYZ	40.9849, 39.7228, 31.9049
YIQ	170.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

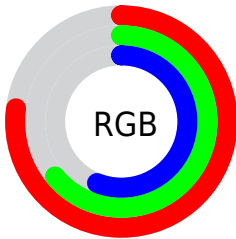
Format	Color
R _Y B	197, 171, 144
Decimal	12952208
CIE Lab	69.27, 10.19, 14.18
CIE LCh	69, 17.464, 54.286
Yxy	39.7228, 0.3639, 0.3527
Android (android.graphics.Color)	4291142288 (0xFFC5A290)
YUV	170.4130, -13.0216, 23.3168
Hunter-Lab	63.0260, 5.7803, 14.1046

Details

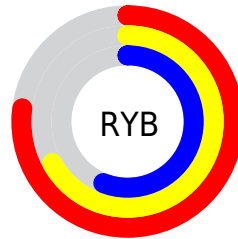
The YIQ color **170.4130, 26.6380, 1.8220** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170.5870, -26.6380, -1.8220**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8970, 28.1510, 1.9350**, and **117.7440, 24.2080, 1.8080** is the 20% darker color. If you saturate the color by 10%, you get **160.5020, 36.6330, 2.4010**, and if you desaturate by 10%, it is **180.3240, 16.6430, 1.2430**.

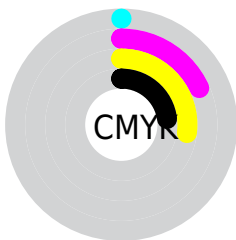
Distribution



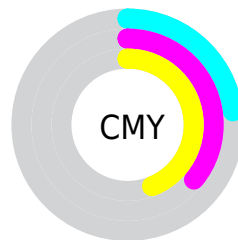
- Red (77%)
- Green (64%)
- Blue (56%)



- Red (77%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.4130, 26.6380, 1.8220 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 170.4130, 26.6380, 1.8220 by changing the saturation by 10% instead.

 170.4130, 26.6380,
1.8220


 170.4130, 26.6380,
1.8220


255.0000, -0.0000,
-0.0000


 143.8150, 25.4460,
1.3980


 225.8970, 28.1510,
1.9350


 117.7440, 24.2080,
1.8080

 245.8240, 12.0590,
-3.7890

 93.1460, 23.0160,
1.3840

 69.6620, 21.5030,
1.2710

 46.8790, 19.3940,
0.9460

 24.8960, 20.7240,
-1.1320

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 170.4130, 26.6380,
1.8220

■ 170.4130, 26.6380,
1.8220

■ 160.5020, 36.6330,
2.4010

■ 180.3240, 16.6430,
1.2430

■ 150.7050, 46.3070,
3.2910

■ 190.1210, 6.9690,
0.3530

■ 140.7940, 56.3020,
3.8700

■ 200.0320, -3.0260,
-0.2260

■ 130.8830, 66.2970,
4.4490

■ 209.9430,
-13.0210, -0.8050

■ 121.0860, 75.9710,
5.3390

■ 219.8540,
-23.0160, -1.3840

■ 111.1750, 85.9660,
5.9180

■ 228.8530,
-30.4430, -4.4510

■ 101.2640, 95.9610,
6.4970

■ 236.4840,
-34.0180, -11.2500

■ 98.2320, 98.9870,
6.7230

■ 237.6580,
-34.5680, -12.2960

Harmonies

Analogous

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



171.6290, 26.2700, 8.4940



170.4130, 26.6380, 1.8220



169.0760, 20.0370, -5.2030

Triad

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



170.4130, 26.6380, 1.8220



163.3620, -22.0510, -13.3710



170.2460, -9.0800, 10.3760

Complementary

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



170.4130, 26.6380, 1.8220



170.5870, -26.6380, -1.8220

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.



167.4290, -23.0170, 4.1430



170.4130, 26.6380, 1.8220



163.0930, -31.3590, -9.8790

Square

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



170.4130, 26.6380, 1.8220



165.2620, -7.1500, -13.5980



164.8960, -32.0020, -3.7300



171.8520, 6.8290, 13.9090

Rectangle

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



170.4130, 26.6380, 1.8220



167.5480, 12.6560, -9.1040



164.8960, -32.0020, -3.7300



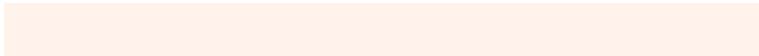
169.5550, -14.4440, 8.4680

Sweetspot

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



170.4130, 26.6380, 1.8220



245.0890, 9.9950, 0.5790



163.8370, 20.3530, 22.1210



121.2350, 6.6480, 0.6640



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.



170.4130, 26.6380, 1.8220



213.9540, 41.1720, 2.7400



185.6750, 19.4880, -11.7760



94.4520, 4.5390, 0.3390



81.0220, 82.0230, 5.7910



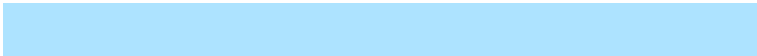
17.8080, 18.1560, 1.3560

Inverse Universe

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



170.5870, -26.6380, -1.8220



214.0460, -41.1720, -2.7400



155.3250, -19.4880, 11.7760



94.5480, -4.5390, -0.3390



81.9780, -82.0230, -5.7910



18.1920, -18.1560, -1.3560

Previews

White Background



This preview shows how the YIQ color 170.4130, 26.6380, 1.8220 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 170.4130, 26.6380, 1.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

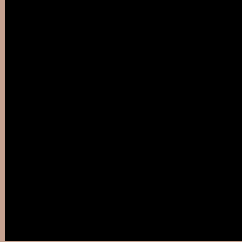
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.4130, 26.6380, 1.8220

Background



This preview shows how black text looks on a background with the YIQ color 170.4130, 26.6380, 1.8220.



This preview shows how white text looks on a background with the YIQ color 170.4130, 26.6380,

1.8220.

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

170.4130, 26.6380, 1.8220

Protanopia

168.8840, 11.8300, -5.1460

Deuteranopia

170.4020, 25.1710, 0.8750



Tritanopia

171.9260, 21.1800, 12.6360

Trichromacy



Original Color

170.4130, 26.6380, 1.8220

Protanomaly

169.1020, 17.1480, -2.4040

Deuteranomaly

170.7010, 25.7670, 1.0870

Tritanomaly

171.1880, 23.1980, 9.1020

Monochromacy



Original Color

170.4130, 26.6380, 1.8220

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.4130, 26.6380, 1.8220 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(197, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 144)  
}
```

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(197, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 144) }
```

Border

The CSS property to change the border of an element to YIQ 170.4130, 26.6380, 1.8220 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(197, 162, 144) }
```


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

```
.border{ border-color:rgb(197, 162, 144) }
```

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

Here you see how a box with a 4 pixel rgb(197, 162, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 170.4130, 26.6380, 1.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 144) }
```

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

```
.background{ background-color: rgb(197,  
162, 144) }
```

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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