

Converting Colors

YIQ(165.1960, 28.7470, 2.1470)

Have a look what the booklet for
YIQ(165.1960, 28.7470, 2.1470)
contains.

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Color

**YIQ(165.1960, 28.7470,
2.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	C29C89
RGB	194, 156, 137
RGB Percent	76%, 61%, 54%
CMY	0.2391, 0.3883, 0.4626
CMYK	0.00, 0.20, 0.29, 0.24
HSL	20°, 32%, 65%
HSV	20°, 29%, 76%
XYZ	38.6568, 37.0506, 28.7933
YIQ	165.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

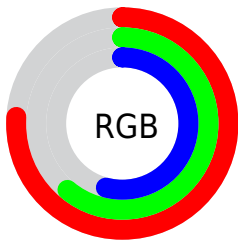
Format	Color
RYB	194, 166, 137
Decimal	12754057
CIELab	67.31, 11.34, 15.27
CIElCh	67, 19.021, 53.417
Yxy	37.0506, 0.3699, 0.3545
Android (android.graphics.Color)	4290944137 (0xFFC29C89)
YUV	165.1960, -13.9006, 25.2611
Hunter-Lab	60.8692, 6.8405, 14.5622

Details

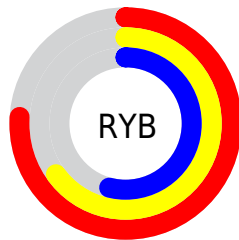
The YIQ color **165.1960, 28.7470, 2.1470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.8040, -28.7470, -2.1470**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.5660, 30.5810, 1.9490**, and **113.1140, 26.0420, 1.6100** is the 20% darker color. If you saturate the color by 10%, you get **155.3990, 38.4210, 3.0370**, and if you desaturate by 10%, it is **174.9930, 19.0730, 1.2570**.

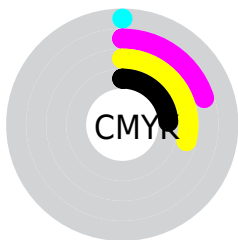
Distribution



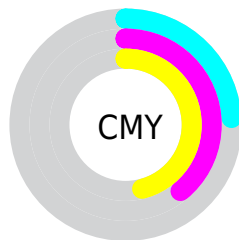
- Red (76%)
- Green (61%)
- Blue (54%)



- Red (76%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.1960, 28.7470, 2.1470 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 165.1960, 28.7470, 2.1470 by changing the saturation by 10% instead.


 165.1960, 28.7470,
2.1470

 165.1960, 28.7470,
2.1470


255.0000, -0.0000,
-0.0000


 138.7120, 27.2340,
2.0340


 220.5660, 30.5810,
1.9490


 113.1140, 26.0420,
1.6100


 241.3900, 16.2770,
-3.1390

 88.6300, 24.5290,
1.4970

 254.0880, 2.5680,
-2.4880

 65.1460, 23.0160,
1.3840

 42.3630, 20.9070,
1.0590

 21.0640, 20.3110,
0.8470

 0.0000, 0.0000,

0.0000

■ 165.1960, 28.7470,
2.1470

■ 165.1960, 28.7470,
2.1470

■ 155.3990, 38.4210,
3.0370

■ 174.9930, 19.0730,
1.2570

■ 145.4880, 48.4160,
3.6160

■ 184.9040, 9.0780,
0.6780

■ 135.6910, 58.0900,
4.5060

■ 194.7010, -0.5960,
-0.2120

■ 125.7800, 68.0850,
5.0850

■ 204.6120,
-10.5910, -0.7910

■ 115.9830, 77.7590,
5.9750

■ 214.4090,
-20.2650, -1.6810

■ 106.1860, 87.4330,
6.8650

■ 224.2060,
-29.9390, -2.5710

■ 96.2750, 97.4280,
7.4440

■ 232.0650,
-34.1560, -8.7480

■ 96.1610, 97.7490,
7.1330

■ 236.7610,
-36.3560, -12.9320

Harmonies

Analogous

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



166.2380, 28.9290, 9.8650



165.1960, 28.7470, 2.1470



163.4460, 21.8710, -5.4010

Triad

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



165.1960, 28.7470, 2.1470



157.9380, -23.7930, -14.8410



165.1750, -10.3180, 10.7860

Complementary

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



165.1960, 28.7470, 2.1470



165.8040, -28.7470, -2.1470

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.



162.0480, -26.3180, 3.3940



165.1960, 28.7470, 2.1470



157.2990, -34.9350, -11.1510

Square

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



165.1960, 28.7470, 2.1470



159.4360, -7.7000, -14.6440



158.6290, -35.6240, -4.1680



166.6780, 7.3790, 14.9550

Rectangle

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



165.1960, 28.7470, 2.1470



162.3200, 13.2980, -9.7260



158.6290, -35.6240, -4.1680



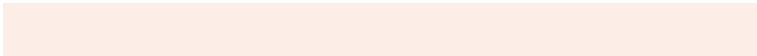
164.1850, -16.2780, 8.6660

Sweetspot

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



165.1960, 28.7470, 2.1470



240.6870, 11.1870, 1.0030



158.4890, 21.4530, 24.2130



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.



165.1960, 28.7470, 2.1470



207.3350, 44.4730, 3.4890



181.6320, 21.0470, -12.4970



91.7510, 5.1350, 0.5510



79.2500, 81.3810, 6.4130



16.3240, 16.6430, 1.2430

Inverse Universe

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



165.8040, -28.7470, -2.1470



208.6650, -44.4730, -3.4890



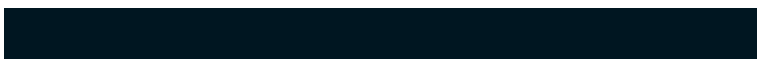
149.3680, -21.0470, 12.4970



92.2490, -5.1350, -0.5510



81.1630, -81.1060, -5.8900



16.6760, -16.6430, -1.2430

Previews

White Background



This preview shows how the YIQ color 165.1960, 28.7470, 2.1470 looks on a white background.

Color Contrast Check

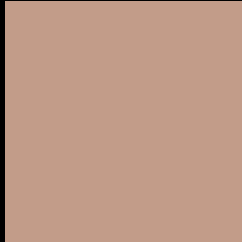
Large Text (above 18pt) WCAG AA × Fail

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 165.1960, 28.7470, 2.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

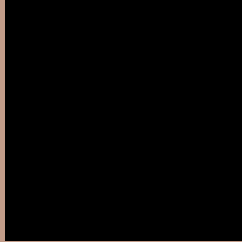
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.1960, 28.7470, 2.1470

Background



This preview shows how black text looks on a background with the YIQ color 165.1960, 28.7470, 2.1470.



This preview shows how white text looks on a background with the YIQ color 165.1960, 28.7470,

2.1470.

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

165.1960, 28.7470, 2.1470

Protanopia

163.7700, 12.1510, -5.4570

Deuteranopia

165.1740, 25.8130, 0.2530



Tritanopia

166.8230, 22.9680, 13.2720

Trichromacy



Original Color

165.1960, 28.7470, 2.1470

Protanomaly

164.2870, 18.0650, -2.5030

Deuteranomaly

164.8860, 26.6840, 0.9880

Tritanomaly

165.9710, 25.3070, 9.4270

Monochromacy



Original Color

165.1960, 28.7470, 2.1470

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.3880, 10.5910, 0.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1960, 28.7470, 2.1470 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(194, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(194, 156, 137)  
}
```

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(194, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 156, 137) }
```

Border

The CSS property to change the border of an element to YIQ 165.1960, 28.7470, 2.1470 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(194, 156, 137) }
```


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

```
.border{ border-color:rgb(194, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 156, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 156, 137); box-shadow:4px 4px 4px 4px rgb(194, 156, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1960, 28.7470, 2.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 156, 137) }
```

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

```
.background{ background-color: rgb(194,  
156, 137) }
```

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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