

Converting Colors

YIQ(165.5250, 28.6580,
-12.7660)

Have a look what the booklet for
YIQ(165.5250, 28.6580, -12.7660)
contains.

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Color

**YIQ(165.5250, 28.6580,
-12.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A670
RGB	185, 166, 112
RGB Percent	73%, 65%, 44%
CMY	0.2745, 0.3490, 0.5606
CMYK	0.00, 0.10, 0.39, 0.27
HSL	44°, 34%, 58%
HSV	44°, 39%, 73%
XYZ	36.5699, 38.7549, 20.8938
YIQ	165.5250, 28.6580, -12.7660

Conversions

Conversions Part 2

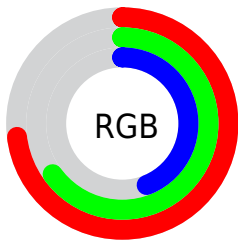
Format	Color
RYB	138, 185, 112
Decimal	12166768
CIELab	68.57, -0.88, 30.46
CIELCh	69, 30.470, 91.651
Yxy	38.7549, 0.3801, 0.4028
Android (android.graphics.Color)	4290356848 (0xFFB9A670)
YUV	165.5250, -26.3878, 17.0796
Hunter-Lab	62.2534, -4.0862, 23.6782

Details

The YIQ color **165.5250, 28.6580, -12.7660** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131.4750, -28.6580, 12.7660**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7810, 30.8130, -13.2750**, and **113.2690, 26.5030, -12.2570** is the 20% darker color. If you saturate the color by 10%, you get **160.5380, 35.8110, -15.7490**, and if you desaturate by 10%, it is **170.6260, 21.1840, -9.4720**.

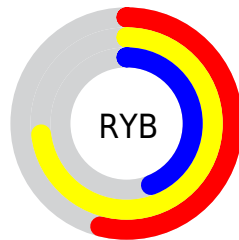
Distribution



Red (73%)

Green (65%)

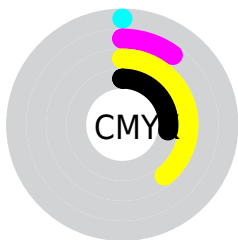
Blue (44%)



Red (54%)

Yellow (73%)

Blue (44%)

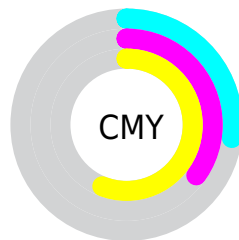


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.5250, 28.6580, -12.7660 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 165.5250, 28.6580, -12.7660 by changing the saturation by 10% instead.

■ 165.5250, 28.6580,
-12.7660

■ 165.5250, 28.6580,
-12.7660

■ 255.0000, -0.0000,
-0.0000

■ 139.0410, 27.1450,
-12.8790

■ 220.7810, 30.8130,
-13.2750

■ 113.2690, 26.5030,
-12.2570

■ 244.2960, 21.8730,
-16.4550

■ 88.4860, 24.3940,
-12.5820

■ 251.0100, 11.2350,
-10.8850

■ 64.8880, 23.2020,
-13.0060

■ 254.2020, 2.2470,
-2.1770

■ 42.8600, 20.4050,
-11.8750

■ 23.3570, 11.8760,
-5.9800

■ 0.0000, 0.0000,

0.0000

■ 165.5250, 28.6580,
-12.7660

■ 165.5250, 28.6580,
-12.7660

■ 160.5380, 35.8110,
-15.7490

■ 170.6260, 21.1840,
-9.4720

■ 155.4370, 43.2850,
-19.0430

■ 175.6130, 14.0310,
-6.4890

■ 151.0370, 50.1630,
-22.5490

■ 180.1270, 6.8320,
-2.6720

■ 145.9360, 57.6370,
-25.8430

■ 185.1140, -0.3210,
0.3110

■ 140.9490, 64.7900,
-28.8260

■ 190.2150, -7.7950,
3.6050

■ 135.8480, 72.2640,
-32.1200

■ 195.2020,
-14.9480, 6.5880

■ 135.7340, 72.5850,
-32.4310

■ 200.3030,
-22.4220, 9.8820

■ 204.7200,
-27.9700, 11.3100

■ 207.0680,
-29.0700, 9.2180

Harmonies

Analogous

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



168.0310, 42.2730, -0.6950



165.5250, 28.6580, -12.7660



162.4620, 6.6060, -20.6100

Triad

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



165.5250, 28.6580, -12.7660



151.5000, -66.4780, -17.6940



171.7490, 17.7850, 24.6090

Complementary

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



165.5250, 28.6580, -12.7660



131.4750, -28.6580, 12.7660

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.



170.0430, -9.5860, 19.5500



165.5250, 28.6580, -12.7660



156.5150, -61.6660, -5.7780

Square

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



165.5250, 28.6580, -12.7660



153.7930, -48.5500, -23.2220



164.2780, -38.4690, 8.8510



171.1070, 37.0880, 21.6960

Rectangle

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



165.5250, 28.6580, -12.7660



159.6000, -11.4580, -23.6340



164.2780, -38.4690, 8.8510



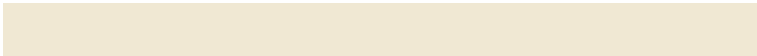
171.1440, 9.3030, 24.1430

Sweetspot

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



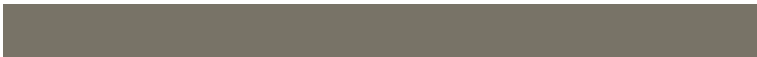
165.5250, 28.6580, -12.7660



231.9980, 11.5090, -4.8350



135.9930, 37.4090, 21.3850



115.1270, 6.8320, -2.6720



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.5250, 28.6580, -12.7660



209.5080, 44.5230, -19.4530



171.5950, 13.3010, -26.3070



89.2130, 3.7140, -1.2300



114.1490, 61.3510, -27.0730



20.6990, 10.9130, -5.0470

Inverse Universe

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



131.4750, -28.6580, 12.7660



156.9050, -44.2480, 19.9760



125.4050, -13.3010, 26.3070



85.2000, -3.4390, 1.7530



41.8510, -61.3510, 27.0730



7.3010, -10.9130, 5.0470

Previews

White Background



This preview shows how the YIQ color 165.5250, 28.6580, -12.7660 looks on a white background.

Color Contrast Check

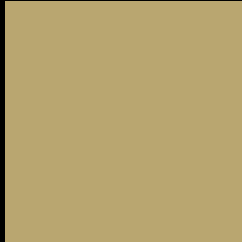
Large Text (above 18pt) WCAG AA × Fail

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 165.5250, 28.6580, -12.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

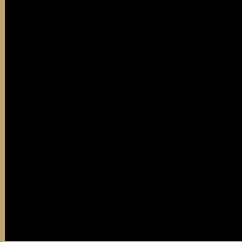
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.5250, 28.6580, -12.7660

Background



This preview shows how black text looks on a background with the YIQ color 165.5250, 28.6580, -12.7660.



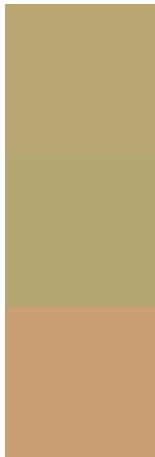
This preview shows how white text looks on a background with the YIQ color 165.5250, 28.6580,

-12.7660.

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

165.5250, 28.6580, -12.7660

Protanopia

165.0300, 25.6780, -13.8260

Deuteranopia

166.6020, 38.9270, -6.1370



Tritanopia

169.9360, 15.2200, 10.5160

Trichromacy



Original Color

165.5250, 28.6580, -12.7660

Protanomaly

165.3290, 26.2740, -13.6140

Deuteranomaly

166.2810, 35.3970, -8.2430

Tritanomaly

168.7050, 19.9440, 1.9920

Monochromacy



Original Color

165.5250, 28.6580, -12.7660

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8130, 10.5920, -4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5250, 28.6580, -12.7660 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(185, 166, 112)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 112)  
}
```

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(185, 166, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 112) }
```

Border

The CSS property to change the border of an element to YIQ 165.5250, 28.6580, -12.7660 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(185, 166, 112) }
```


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

```
.border{ border-color:rgb(185, 166, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 112);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5250, 28.6580, -12.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 112) }
```

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

```
.background{ background-color: rgb(185,  
166, 112) }
```

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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