

Converting Colors

YIQ(165.7800, 58.9170, -4.9790)

Have a look what the booklet for
YIQ(165.7800, 58.9170, -4.9790)
contains.

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Color

**YIQ(165.7800, 58.9170,
-4.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	DB995C
RGB	219, 153, 92
RGB Percent	86%, 60%, 36%
CMY	0.1411, 0.4001, 0.6389
CMYK	0.00, 0.30, 0.58, 0.14
HSL	29°, 64%, 61%
HSV	29°, 58%, 86%
XYZ	42.5441, 38.6121, 15.3522
YIQ	165.7800, 58.9170, -4.9790

Conversions

Conversions Part 2

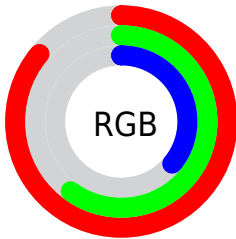
Format	Color
R _Y B	219, 209, 92
Decimal	14391644
CIE Lab	68.47, 18.38, 41.54
CIE LCh	68, 45.427, 66.128
Yxy	38.6121, 0.4408, 0.4001
Android (android.graphics.Color)	4292581724 (0xFFDB995C)
YUV	165.7800, -36.3735, 46.6739
Hunter-Lab	62.1386, 13.4701, 28.8486

Details

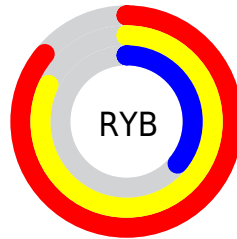
The YIQ color **165.7800, 58.9170, -4.9790** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **145.2200, -58.9170, 4.9790**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1700, 48.8310, -9.4170**, and **112.6160, 53.5070, -6.0530** is the 20% darker color. If you saturate the color by 10%, you get **156.8150, 69.0040, -6.0680**, and if you desaturate by 10%, it is **174.7450, 48.8300, -3.8900**.

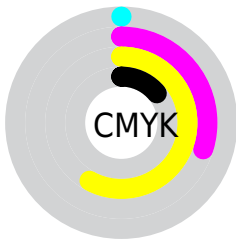
Distribution



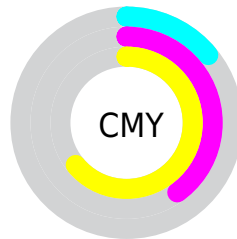
- Red (86%)
- Green (60%)
- Blue (36%)



- Red (86%)
- Yellow (82%)
- Blue (36%)



- Cyan (0%)
- Magenta (30%)
- Yellow (58%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.7800, 58.9170, -4.9790 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 165.7800, 58.9170, -4.9790 by changing the saturation by 10% instead.


 165.7800, 58.9170,
-4.9790


 165.7800, 58.9170,
-4.9790


255.0000, -0.0000,
-0.0000


 138.9970, 56.8080,
-5.3040


 214.1700, 48.8310,
-9.4170

 112.9150, 54.1030,
-5.8410


 234.2710, 32.1890,
-16.1870


 87.4200, 51.1230,
-6.9010

 248.5020, 18.2970,
-17.7270

 63.3810, 46.8590,
-6.7170

 251.6940, 9.3090,
-9.0190

 42.3940, 36.8170,
-0.9350

 21.9940, 26.5000,
4.3240

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 165.7800, 58.9170,
-4.9790

■ 165.7800, 58.9170,
-4.9790

■ 156.8150, 69.0040,
-6.0680

■ 174.7450, 48.8300,
-3.8900

■ 147.2630, 79.3660,
-6.6340

■ 184.2970, 38.4680,
-3.3240

■ 138.2980, 89.4530,
-7.7230

■ 193.2620, 28.3810,
-2.2350

■ 128.7460, 99.8150,
-8.2890

■ 202.8140, 18.0190,
-1.6690

■ 127.1160,
101.6490, -8.4870

■ 211.7790, 7.9320,
-0.5800

■ 220.6300, -1.8340,
0.1980

■ 230.1820,
-12.1960, 0.7640

■ 237.7790,
-18.4310, -1.8790

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



167.4460, 66.5700, 16.0260



165.7800, 58.9170, -4.9790



162.5070, 37.0960, -22.5200

Triad

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



165.7800, 58.9170, -4.9790



130.1920, -107.5540, -44.2100



170.7910, -8.3960, 31.0280

Complementary

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



165.7800, 58.9170, -4.9790



145.2200, -58.9170, 4.9790

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.



161.2730, -57.2680, 13.6440



165.7800, 58.9170, -4.9790



134.1650, -120.1190, -31.2470

Square

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



165.7800, 58.9170, -4.9790



149.9440, -42.2660, -37.9940



133.1340, -126.8610, -19.1890



171.7820, 31.3540, 37.5140

Rectangle

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



165.7800, 58.9170, -4.9790



159.7430, 15.6400, -30.1520



133.1340, -126.8610, -19.1890



168.6580, -24.2590, 26.6610

Sweetspot

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



165.7800, 58.9170, -4.9790



236.5970, 20.1280, -1.3440



137.7250, 53.8640, 48.0720



116.8180, 12.1960, -0.7640



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.



165.7800, 58.9170, -4.9790



180.1170, 82.7130, -6.7190



202.1740, 41.8670, -37.4050



105.2240, 5.1810, -0.2830



100.4480, 80.2830, -6.7330



26.6680, 21.3660, -1.7540

Inverse Universe

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



145.2200, -58.9170, 4.9790



151.2960, -82.4380, 7.2420



108.8260, -41.8670, 37.4050



103.1890, -4.9060, 0.8060



72.5520, -80.2830, 6.7330



19.3320, -21.3660, 1.7540

Previews

White Background



This preview shows how the YIQ color 165.7800, 58.9170, -4.9790 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 165.7800, 58.9170, -4.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

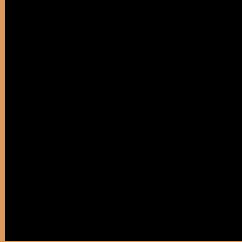
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.7800, 58.9170, -4.9790

Background



This preview shows how black text looks on a background with the YIQ color 165.7800, 58.9170, -4.9790.



This preview shows how white text looks on a background with the YIQ color 165.7800, 58.9170,

-4.9790.

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

165.7800, 58.9170, -4.9790

Protanopia

163.8040, 32.0060, -18.3780

Deuteranopia

165.5890, 48.9690, -11.9190



Tritanopia

169.8750, 43.5530, 20.1690

Trichromacy



Original Color

165.7800, 58.9170, -4.9790

Protanomaly

164.5280, 41.7710, -13.6290

Deuteranomaly

165.3230, 52.7740, -9.2900

Tritanomaly

168.4160, 48.9190, 11.0230

Monochromacy



Original Color

165.7800, 58.9170, -4.9790

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.6680, 21.3660, -1.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.7800, 58.9170, -4.9790 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(219, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(219, 153, 92)  
}
```

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(219, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 153, 92) }
```

Border

The CSS property to change the border of an element to YIQ 165.7800, 58.9170, -4.9790 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(219, 153, 92) }
```


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

```
.border{ border-color:rgb(219, 153, 92) }
```

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

Here you see how a box with a 4 pixel rgb(219, 153, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(219, 153,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 165.7800, 58.9170, -4.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 153, 92) }
```

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

```
.background{ background-color: rgb(219,  
153, 92) }
```

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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