

Converting Colors

YIQ(167.4410, 55.7980, 1.9900)

Have a look what the booklet for
YIQ(167.4410, 55.7980, 1.9900)
contains.

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Color

**YIQ(167.4410, 55.7980,
1.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	DE976D
RGB	222, 151, 109
RGB Percent	87%, 59%, 43%
CMY	0.1293, 0.4079, 0.5723
CMYK	0.00, 0.32, 0.51, 0.13
HSL	22°, 63%, 65%
HSV	22°, 51%, 87%
XYZ	43.9610, 38.7644, 19.6516
YIQ	167.4410, 55.7980, 1.9900

Conversions

Conversions Part 2

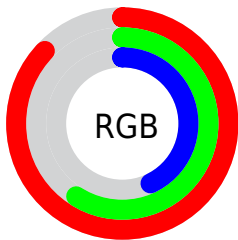
Format	Color
R _Y B	222, 176, 109
Decimal	14587757
CIE Lab	68.58, 22.10, 32.80
CIE LCh	69, 39.556, 56.025
Yxy	38.7644, 0.4294, 0.3786
Android (android.graphics.Color)	4292777837 (0xFFDE976D)
YUV	167.4410, -28.8114, 47.8482
Hunter-Lab	62.2611, 17.0773, 24.8690

Details

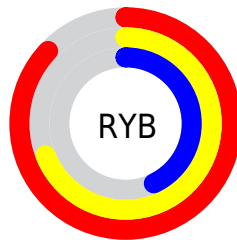
The YIQ color **167.4410, 55.7980, 1.9900** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **163.5590, -55.7980, -1.9900**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9340, 43.9240, -3.0840**, and **114.5760, 50.9840, 1.1280** is the 20% darker color. If you saturate the color by 10%, you get **156.7150, 66.7100, 2.4700**, and if you desaturate by 10%, it is **178.1670, 44.8860, 1.5100**.

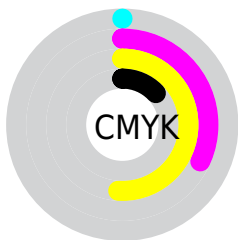
Distribution



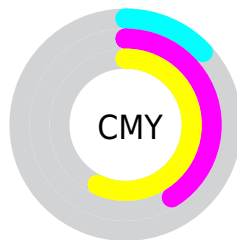
- Red (87%)
- Green (59%)
- Blue (43%)



- Red (87%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (13%)




- Cyan (13%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.4410, 55.7980, 1.9900 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 167.4410, 55.7980, 1.9900 by changing the saturation by 10% instead.

 167.4410, 55.7980,
1.9900


 167.4410, 55.7980,
1.9900


255.0000, -0.0000,
-0.0000

 140.6580, 53.6890,
1.6650


 214.9340, 43.9240,
-3.0840


 114.6900, 50.6630,
1.4390


 235.0350, 27.2820,
-9.8540


 89.0210, 48.2330,
1.4250

 250.5540, 12.5190,
-12.1290

 64.5260, 45.2530,
0.3650

 253.8600, 3.2100,
-3.1100

 41.8290, 40.0260,
1.4820

 20.8420, 29.9840,
7.2640

 9.0840, 17.5590,

6.6710

■ 0.0000, 0.0000,
0.0000

■ 167.4410, 55.7980,
1.9900

■ 167.4410, 55.7980,
1.9900

■ 156.7150, 66.7100,
2.4700

■ 178.1670, 44.8860,
1.5100

■ 145.9890, 77.6220,
2.9500

■ 188.8930, 33.9740,
1.0300

■ 135.1490, 88.8550,
3.1190

■ 199.7330, 22.7410,
0.8610

■ 124.4230, 99.7670,
3.5990

■ 210.4590, 11.8290,
0.3810

■ 114.5120,
109.7620, 4.1780

■ 221.1850, 0.9170,
-0.0990

■ 231.9110, -9.9950,
-0.5790

■ 241.6110,
-18.0180, -3.8580

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



169.0630, 57.5830, 19.2070



167.4410, 55.7980, 1.9900



165.4030, 40.6250, -14.8870

Triad

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



167.4410, 55.7980, 1.9900



146.6720, -64.6870, -33.6390



169.2900, -20.4070, 22.9290

Complementary

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



167.4410, 55.7980, 1.9900



163.5590, -55.7980, -1.9900

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.



159.1920, -61.7140, 6.1100



167.4410, 55.7980, 1.9900



131.6400, -114.3870, -36.0110

Square

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



167.4410, 55.7980, 1.9900



155.8820, -21.3600, -31.4080



137.9910, -110.4010, -20.1370



172.1930, 16.7750, 31.9030

Rectangle

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



167.4410, 55.7980, 1.9900



162.5640, 23.7540, -23.0140



137.9910, -110.4010, -20.1370



166.8260, -33.8400, 18.5760

Sweetspot

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



167.4410, 55.7980, 1.9900



236.5800, 18.7980, 0.7340



150.9950, 44.2360, 46.3480



116.5730, 11.5080, 0.6920



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.



167.4410, 55.7980, 1.9900



179.6900, 77.0260, 2.7380



200.3130, 40.3980, -27.2980



106.6370, 5.4560, 0.2400



90.7790, 87.0210, 3.3170



24.9180, 23.6580, 0.7620

Inverse Universe

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



163.5590, -55.7980, -1.9900



174.3100, -77.0260, -2.7380



130.6870, -40.3980, 27.2980



106.3630, -5.4560, -0.2400



85.2210, -87.0210, -3.3170



23.0820, -23.6580, -0.7620

Previews

White Background



This preview shows how the YIQ color 167.4410, 55.7980, 1.9900 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 167.4410, 55.7980, 1.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

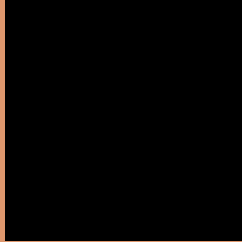
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.4410, 55.7980, 1.9900

Background



This preview shows how black text looks on a background with the YIQ color 167.4410, 55.7980, 1.9900.



This preview shows how white text looks on a background with the YIQ color 167.4410, 55.7980,

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

167.4410, 55.7980, 1.9900

Protanopia

165.9590, 24.4400, -13.4160

Deuteranopia

166.5160, 42.0450, -7.5790



Tritanopia

170.4730, 44.7450, 20.5930

Trichromacy



Original Color

167.4410, 55.7980, 1.9900

Protanomaly

166.5800, 35.9930, -8.0310

Deuteranomaly

166.9620, 46.7210, -4.2150

Tritanomaly

169.4100, 49.0560, 14.0480

Monochromacy



Original Color

167.4410, 55.7980, 1.9900

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.4410, 55.7980, 1.9900 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(222, 151, 109)` looks like.

```
.text, #text, p{  
    color:rgb(222, 151, 109)  
}
```

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(222, 151, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 151, 109) }
```

Border

The CSS property to change the border of an element to YIQ 167.4410, 55.7980, 1.9900 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(222, 151, 109) }
```


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

```
.border{ border-color:rgb(222, 151, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 151, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 151, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 151, 109);  
box-shadow:4px 4px 4px 4px rgb(222, 151,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 167.4410, 55.7980, 1.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 151, 109) }
```

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

```
.background{ background-color: rgb(222,  
151, 109) }
```

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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