

Converting Colors

YIQ(165.0990, 56.7610, 1.0570)

Have a look what the booklet for
YIQ(165.0990, 56.7610, 1.0570)
contains.

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Color

**YIQ(165.0990, 56.7610,
1.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9568
RGB	220, 149, 104
RGB Percent	86%, 58%, 41%
CMY	0.1371, 0.4158, 0.5919
CMYK	0.00, 0.32, 0.53, 0.14
HSL	23°, 62%, 64%
HSV	23°, 53%, 86%
XYZ	42.7708, 37.7075, 18.1384
YIQ	165.0990, 56.7610, 1.0570

Conversions

Conversions Part 2

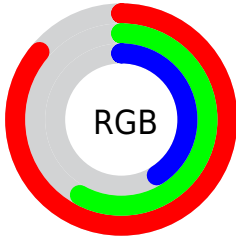
Format	Color
R_{YB}	220, 178, 104
Decimal	14456168
CIE _{Lab}	67.80, 21.93, 34.44
CIE _{LCh}	68, 40.831, 57.518
Yxy	37.7075, 0.4337, 0.3824
Android (android.graphics.Color)	4292646248 (0xFFDC9568)
YUV	165.0990, -30.1218, 48.1482
Hunter-Lab	61.4064, 16.8677, 25.4713

Details

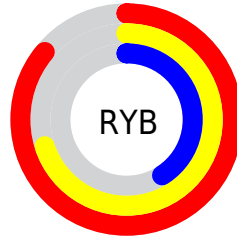
The YIQ color **165.0990, 56.7610, 1.0570** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.9010, -56.7610, -1.0570**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.1900, 46.0790, -3.5930**, and **112.3480, 51.6260, 0.5060** is the 20% darker color. If you saturate the color by 10%, you get **154.3730, 67.6730, 1.5370**, and if you desaturate by 10%, it is **175.2380, 46.1240, 1.1000**.

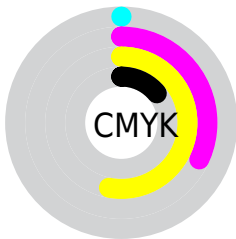
Distribution



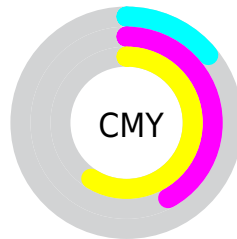
- Red (86%)
- Green (58%)
- Blue (41%)



- Red (86%)
- Yellow (70%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (53%)
- Black (14%)





- Cyan (14%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.0990, 56.7610, 1.0570 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 165.0990, 56.7610, 1.0570 by changing the saturation by 10% instead.

 165.0990, 56.7610,
1.0570


 165.0990, 56.7610,
1.0570


255.0000, -0.0000,
-0.0000


 138.3160, 54.6520,
0.7320


 213.1900, 46.0790,
-3.5930


 112.3480, 51.6260,
0.5060


 233.2910, 29.4370,
-10.3630


 86.9670, 48.3250,
-0.2430

 249.9840, 14.1240,
-13.6840

 62.1840, 46.2160,
-0.5680

 253.1760, 5.1360,
-4.9760

 40.0570, 39.3840,
2.1040

 19.6570, 29.0670,
7.3630

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 165.0990, 56.7610,
1.0570

■ 165.0990, 56.7610,
1.0570

■ 154.3730, 67.6730,
1.5370

■ 175.2380, 46.1240,
1.1000

■ 144.2340, 78.3100,
1.4940

■ 185.9640, 35.2120,
0.6200

■ 134.0950, 88.9470,
1.4510

■ 196.1030, 24.5750,
0.6630

■ 123.3690, 99.8590,
1.9310

■ 206.8290, 13.6630,
0.1830

■ 115.6750,
107.7450, 2.1850

■ 216.9680, 3.0260,
0.2260

■ 227.6940, -7.8860,
-0.2540

■ 237.4910,
-17.5600, -1.1440

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



166.4330, 59.4170, 19.0090



165.0990, 56.7610, 1.0570



162.5770, 40.0750, -15.9330

Triad

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



165.0990, 56.7610, 1.0570



141.9100, -71.2890, -35.1370



167.4150, -19.2610, 24.1870

Complementary

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



165.0990, 56.7610, 1.0570



158.9010, -56.7610, -1.0570

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.



157.4200, -62.3560, 6.7320



165.0990, 56.7610, 1.0570



130.5800, -114.1580, -34.6540

Square

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



165.0990, 56.7610, 1.0570



153.2730, -24.0190, -32.7790



130.8370, -121.7710, -23.3310



170.0900, 18.5630, 32.5390

Rectangle

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



165.0990, 56.7610, 1.0570



160.3250, 22.9290, -24.5830



130.8370, -121.7710, -23.3310



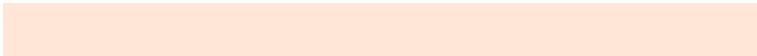
164.9510, -32.6940, 19.8340

Sweetspot

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



165.0990, 56.7610, 1.0570



235.6510, 20.0360, 0.3240



146.8920, 46.0240, 46.9840



116.3450, 12.1500, 0.0700



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.



165.0990, 56.7610, 1.0570



179.1200, 78.6310, 1.1830



199.1450, 40.8110, -29.2770



104.6370, 5.4560, 0.2400



91.0560, 84.6830, 1.6350



24.3200, 22.4660, 0.3380

Inverse Universe

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



158.9010, -56.7610, -1.0570



170.4670, -78.9060, -1.7060



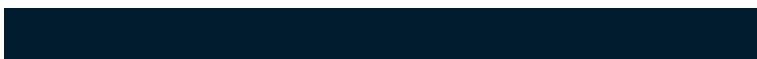
125.4420, -41.0860, 28.7540



103.7760, -5.1810, 0.2830



81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 165.0990, 56.7610, 1.0570 looks on a white background.

Color Contrast Check

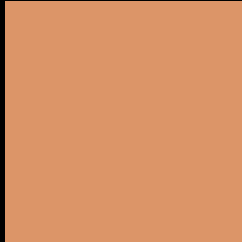
Large Text (above 18pt) WCAG AA × Fail

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 165.0990, 56.7610, 1.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

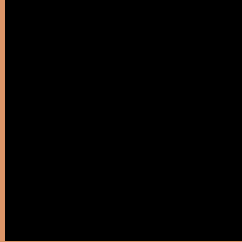
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.0990, 56.7610, 1.0570

Background



This preview shows how black text looks on a background with the YIQ color 165.0990, 56.7610, 1.0570.



This preview shows how white text looks on a background with the YIQ color 165.0990, 56.7610,

1.0570.

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

165.0990, 56.7610, 1.0570

Protanopia

163.9160, 25.9990, -14.1370

Deuteranopia

164.1740, 43.0080, -8.5120



Tritanopia

168.3590, 45.0660, 20.2820

Trichromacy



Original Color

165.0990, 56.7610, 1.0570

Protanomaly

164.5370, 37.5520, -8.7520

Deuteranomaly

164.6200, 47.6840, -5.1480

Tritanomaly

167.1820, 49.6980, 13.4260

Monochromacy



Original Color

165.0990, 56.7610, 1.0570

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9500, 20.6320, 0.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0990, 56.7610, 1.0570 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(220, 149, 104)` looks like.

```
.text, #text, p{  
    color:rgb(220, 149, 104)  
}
```

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(220, 149, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 149, 104) }
```

Border

The CSS property to change the border of an element to YIQ 165.0990, 56.7610, 1.0570 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(220, 149, 104) }
```


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

```
.border{ border-color:rgb(220, 149, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 149, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 149, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 149, 104); box-shadow:4px 4px 4px 4px rgb(220, 149, 104) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0990, 56.7610, 1.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 149, 104) }
```

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

```
.background{ background-color: rgb(220,  
149, 104) }
```

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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