

Converting Colors

YIQ(165.3980, 57.3570, 1.2690)

Have a look what the booklet for
YIQ(165.3980, 57.3570, 1.2690)
contains.

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Color

**YIQ(165.3980, 57.3570,
1.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9568
RGB	221, 149, 104
RGB Percent	87%, 58%, 41%
CMY	0.1332, 0.4158, 0.5919
CMYK	0.00, 0.33, 0.53, 0.13
HSL	23°, 63%, 64%
HSV	23°, 53%, 87%
XYZ	43.0747, 37.8640, 18.1527
YIQ	165.3980, 57.3570, 1.2690

Conversions

Conversions Part 2

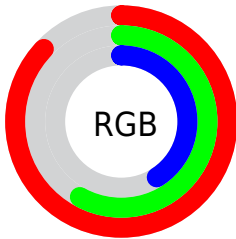
Format	Color
R_{YB}	221, 177, 104
Decimal	14521704
CIE _{Lab}	67.92, 22.33, 34.61
CIE _{LCh}	68, 41.194, 57.170
Yxy	37.8640, 0.4347, 0.3821
Android (android.graphics.Color)	4292711784 (0xFFDD9568)
YUV	165.3980, -30.2692, 48.7630
Hunter-Lab	61.5337, 17.2690, 25.5828

Details

The YIQ color **165.3980, 57.3570, 1.2690** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.6020, -57.3570, -1.2690**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1900, 46.0790, -3.5930**, and **112.6470, 52.2220, 0.7180** is the 20% darker color. If you saturate the color by 10%, you get **154.6720, 68.2690, 1.7490**, and if you desaturate by 10%, it is **176.1240, 46.4450, 0.7890**.

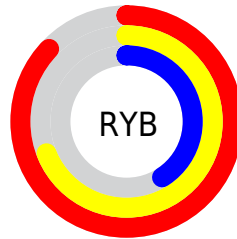
Distribution



Red (87%)

Green (58%)

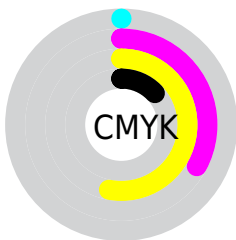
Blue (41%)



Red (87%)

Yellow (69%)

Blue (41%)

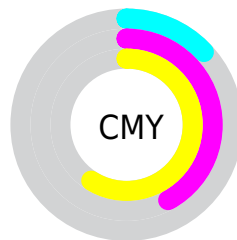


Cyan (0%)

Magenta (33%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3980, 57.3570, 1.2690 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 165.3980, 57.3570, 1.2690 by changing the saturation by 10% instead.

165.3980, 57.3570,
1.2690

165.3980, 57.3570,
1.2690

255.0000, -0.0000,
-0.0000

138.6150, 55.2480,
0.9440

213.1900, 46.0790,
-3.5930

112.6470, 52.2220,
0.7180

233.2910, 29.4370,
-10.3630

87.2660, 48.9210,
-0.0310

249.9840, 14.1240,
-13.6840

62.1840, 46.2160,
-0.5680

253.1760, 5.1360,
-4.9760

40.3560, 39.9800,
2.3160

19.3690, 29.9380,
8.0980

7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 165.3980, 57.3570,
1.2690

■ 165.3980, 57.3570,
1.2690

■ 154.6720, 68.2690,
1.7490

■ 176.1240, 46.4450,
0.7890

■ 144.5330, 78.9060,
1.7060

■ 186.2630, 35.8080,
0.8320

■ 133.8070, 89.8180,
2.1860

■ 196.9890, 24.8960,
0.3520

■ 123.6680,
100.4550, 2.1430

■ 207.1280, 14.2590,
0.3950

■ 115.9740,
108.3410, 2.3970

■ 217.9680, 3.0260,
0.2260

■ 228.6940, -7.8860,
-0.2540

■ 238.3770,
-17.2390, -1.4550

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



166.8460, 59.6920, 19.5320



165.3980, 57.3570, 1.2690



162.7620, 40.9920, -16.0320

Triad

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



165.3980, 57.3570, 1.2690



142.1980, -72.1600, -35.8720



167.6430, -19.9030, 24.8090

Complementary

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



165.3980, 57.3570, 1.2690



159.6020, -57.3570, -1.2690

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.



157.2350, -63.2730, 6.8310



165.3980, 57.3570, 1.2690



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.



165.3980, 57.3570, 1.2690



153.2730, -24.0190, -32.7790



131.5380, -122.3670, -23.5430



170.5030, 18.8380, 33.0620

Rectangle

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



165.3980, 57.3570, 1.2690



160.6240, 23.5250, -24.3710



131.5380, -122.3670, -23.5430



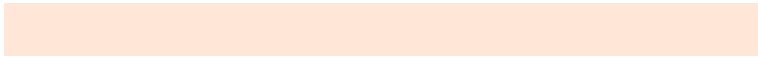
165.3530, -33.8860, 19.4100

Sweetspot

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



165.3980, 57.3570, 1.2690



235.6510, 20.0360, 0.3240



147.1910, 46.6200, 47.1960



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.



165.3980, 57.3570, 1.2690



177.1310, 80.0980, 2.1300



199.4440, 41.4070, -29.0650



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.



159.6020, -57.3570, -1.2690



169.2820, -79.8230, -1.6070



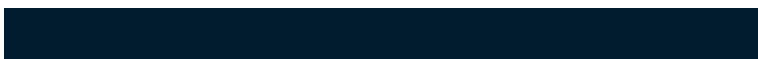
125.5560, -41.4070, 29.0650



103.7760, -5.1810, 0.2830



82.5310, -84.9580, -2.1580



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 165.3980, 57.3570, 1.2690 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 165.3980, 57.3570, 1.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

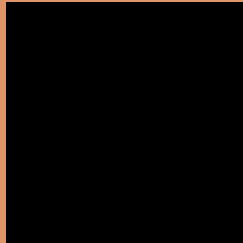
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.3980, 57.3570, 1.2690

Background



This preview shows how black text looks on a background with the YIQ color 165.3980, 57.3570, 1.2690.



This preview shows how white text looks on a background with the YIQ color 165.3980, 57.3570,

1.2690.

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

165.3980, 57.3570, 1.2690

Protanopia

163.9160, 25.9990, -14.1370

Deuteranopia

164.4730, 43.6040, -8.3000



Tritanopia

168.6580, 45.6620, 20.4940

Trichromacy



Original Color

165.3980, 57.3570, 1.2690

Protanomaly

164.5370, 37.5520, -8.7520

Deuteranomaly

164.9190, 48.2800, -4.9360

Tritanomaly

167.4810, 50.2940, 13.6380

Monochromacy



Original Color

165.3980, 57.3570, 1.2690

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 165.3980, 57.3570, 1.2690 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(221, 149, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 149, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 104) }
```

Border

The CSS property to change the border of an element to YIQ 165.3980, 57.3570, 1.2690 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(221, 149, 104) }
```


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

```
.border{ border-color:rgb(221, 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(221, 149, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 149, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 149, 104); box-shadow:4px 4px 4px 4px rgb(221, 149, 104) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3980, 57.3570, 1.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 149, 104) }
```

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

```
.background{ background-color: rgb(221,  
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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