

Converting Colors

YIQ(165.4350, 55.9350, 5.0150)

Have a look what the booklet for
YIQ(165.4350, 55.9350, 5.0150)
contains.

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Color

**YIQ(165.4350, 55.9350,
5.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9370
RGB	222, 147, 112
RGB Percent	87%, 58%, 44%
CMY	0.1293, 0.4236, 0.5605
CMYK	0.00, 0.34, 0.50, 0.13
HSL	19°, 63%, 66%
HSV	19°, 50%, 87%
XYZ	43.4934, 37.5648, 20.3062
YIQ	165.4350, 55.9350, 5.0150

Conversions

Conversions Part 2

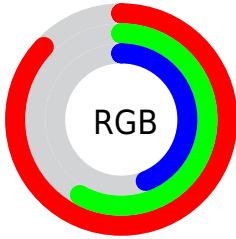
Format	Color
R _Y B	222, 163, 112
Decimal	14586736
CIE Lab	67.70, 24.53, 30.04
CIE LCh	68, 38.784, 50.767
Yxy	37.5648, 0.4291, 0.3706
Android (android.graphics.Color)	4292776816 (0xFFDE9370)
YUV	165.4350, -26.3435, 49.6075
Hunter-Lab	61.2901, 19.4116, 23.2596

Details

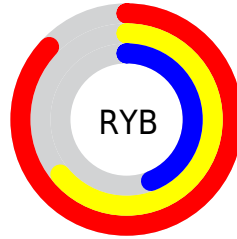
The YIQ color **165.4350, 55.9350, 5.0150** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **168.5650, -55.9350, -5.0150**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9280, 44.0610, -0.0590**, and **112.6840, 50.8000, 4.4640** is the 20% darker color. If you saturate the color by 10%, you get **154.1220, 67.1220, 6.0180**, and if you desaturate by 10%, it is **176.7480, 44.7480, 4.0120**.

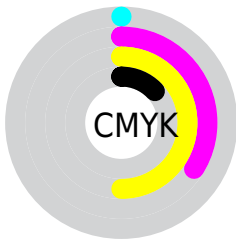
Distribution



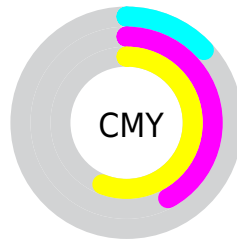
- Red (87%)
- Green (58%)
- Blue (44%)



- Red (87%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4350, 55.9350, 5.0150 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 165.4350, 55.9350, 5.0150 by changing the saturation by 10% instead.

 165.4350, 55.9350,
5.0150


 165.4350, 55.9350,
5.0150


255.0000, -0.0000,
-0.0000


 138.6520, 53.8260,
4.6900


 212.9280, 44.0610,
-0.0590


 112.6840, 50.8000,
4.4640


 233.0290, 27.4190,
-6.8290


 87.0150, 48.3700,
4.4500

 250.8960, 11.5560,
-11.1960

 62.6340, 45.0690,
3.7010

 254.2020, 2.2470,
-2.1770

 38.8940, 41.4010,
4.0970

 17.9070, 31.3590,
9.8790

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 165.4350, 55.9350,
5.0150

■ 165.4350, 55.9350,
5.0150

■ 154.1220, 67.1220,
6.0180

■ 176.7480, 44.7480,
4.0120

■ 142.8090, 78.3090,
7.0210

■ 188.0610, 33.5610,
3.0090

■ 131.3820, 89.8170,
7.7130

■ 199.4880, 22.0530,
2.3170

■ 119.4820,
101.2790, 9.2390

■ 211.3880, 10.5910,
0.7910

■ 108.1690,
112.4660, 10.2420

■ 222.7010, -0.5960,
-0.2120

■ 107.4680,
113.0620, 10.4540

■ 234.0140,
-11.7830, -1.2150

■ 243.9590,
-19.1180, -5.9500

■ 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.



166.8610, 55.3360, 21.3840



165.4350, 55.9350, 5.0150



163.1800, 42.8710, -11.5370

Triad

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



165.4350, 55.9350, 5.0150



147.2880, -54.7380, -32.2260



165.8870, -26.6420, 20.2860

Complementary

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



165.4350, 55.9350, 5.0150



168.5650, -55.9350, -5.0150

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.



155.0340, -67.2610, 2.0110



165.4350, 55.9350, 5.0150



128.9670, -110.9940, -36.9300

Square

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



165.4350, 55.9350, 5.0150



154.8290, -13.8410, -30.0090



130.5120, -119.4780, -26.3420



169.4310, 10.1730, 30.4050

Rectangle

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



165.4350, 55.9350, 5.0150



161.1840, 27.8800, -20.6960



130.5120, -119.4780, -26.3420



162.8960, -40.0290, 15.0990

Sweetspot

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



165.4350, 55.9350, 5.0150



235.4060, 19.3480, 1.7800



153.4400, 41.4850, 46.6450



115.9860, 11.7830, 1.2150



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.



165.4350, 55.9350, 5.0150



177.4390, 76.4750, 7.2190



197.7200, 40.8100, -23.7500



106.6370, 5.4560, 0.2400



85.4960, 89.4960, 8.0240



23.1570, 24.4830, 2.3310

Inverse Universe

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



168.5650, -55.9350, -5.0150



181.9740, -76.2000, -6.6960



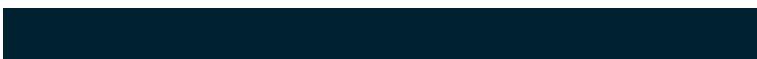
136.2800, -40.8100, 23.7500



106.9500, -5.7310, -0.7630



90.5040, -89.4960, -8.0240



24.8430, -24.4830, -2.3310

Previews

White Background



This preview shows how the YIQ color 165.4350, 55.9350, 5.0150 looks on a white background.

Color Contrast Check

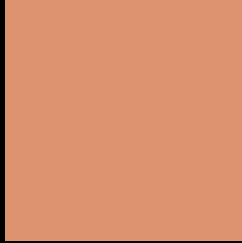
Large Text (above 18pt) WCAG AA × Fail

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 165.4350, 55.9350, 5.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

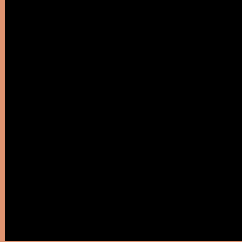
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4350, 55.9350, 5.0150

Background



This preview shows how black text looks on a background with the YIQ color 165.4350, 55.9350, 5.0150.



This preview shows how white text looks on a background with the YIQ color 165.4350, 55.9350,

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

165.4350, 55.9350, 5.0150

Protanopia

163.7570, 22.1930, -11.2390

Deuteranopia

164.4880, 39.2480, -6.4480



Tritanopia

167.9570, 46.2580, 20.7060

Trichromacy



Original Color

165.4350, 55.9350, 5.0150

Protanomaly

164.0900, 34.6170, -5.1190

Deuteranomaly

164.9450, 45.3910, -2.1370

Tritanomaly

167.1220, 49.9270, 14.7830

Monochromacy



Original Color

165.4350, 55.9350, 5.0150

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0040, 20.5400, 2.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4350, 55.9350, 5.0150 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, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(222, 147, 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(222, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 147, 112) }
```

Border

The CSS property to change the border of an element to YIQ 165.4350, 55.9350, 5.0150 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, 147, 112) }
```


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

```
.border{ border-color:rgb(222, 147, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 147, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(222, 147,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4350, 55.9350, 5.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 147, 112) }
```

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

```
.background{ background-color: rgb(222,  
147, 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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