

# Converting Colors

YIQ(165.1560, 60.6140, -8.2020)

Have a look what the booklet for  
YIQ(165.1560, 60.6140, -8.2020)  
contains.

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# Color

**YIQ(165.1560, 60.6140,  
-8.2020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA9A54
RGB	218, 154, 84
RGB Percent	85%, 60%, 33%
CMY	0.1450, 0.3962, 0.6703
CMYK	0.00, 0.29, 0.61, 0.14
HSL	31°, 64%, 59%
HSV	31°, 61%, 86%
XYZ	42.0760, 38.6532, 13.6461
YIQ	165.1560, 60.6140, -8.2020

# Conversions

## Conversions Part 2

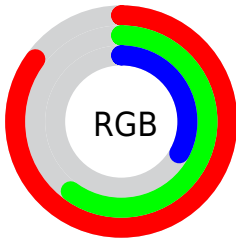
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 218, 84
Decimal	14326356
CIE Lab	68.50, 16.85, 45.60
CIE LCh	68, 48.613, 69.724
Yxy	38.6532, 0.4458, 0.4096
Android (android.graphics.Color)	4292516436 (0xFFDA9A54)
YUV	165.1560, -40.0099, 46.3442
Hunter-Lab	62.1717, 12.0032, 30.5066

# Details

The YIQ color **165.1560, 60.6140, -8.2020** 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 **136.8440, -60.6140, 8.2020**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8450, 51.1240, -12.4280**, and **111.8780, 55.5250, -9.5870** is the 20% darker color. If you saturate the color by 10%, you get **156.7780, 70.4260, -9.8140**, and if you desaturate by 10%, it is **173.5340, 50.8020, -6.5900**.

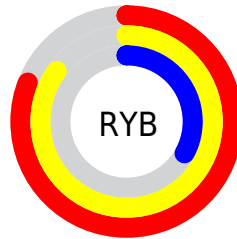
# Distribution



Red (85%)

Green (60%)

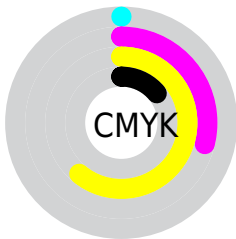
Blue (33%)



Red (81%)

Yellow (85%)

Blue (33%)

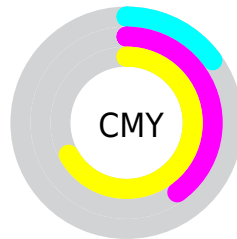


Cyan (0%)

Magenta (29%)

Yellow (61%)

Black (14%)



Cyan (15%)

Magenta (40%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 165.1560, 60.6140, -8.2020 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 165.1560, 60.6140, -8.2020 by changing the saturation by 10% instead.



■ 165.1560, 60.6140,  
-8.2020

■ 165.1560, 60.6140,  
-8.2020

■ 255.0000, -0.0000,  
-0.0000

■ 138.0740, 57.9090,  
-8.7390

■ 213.8450, 51.1240,  
-12.4280

■ 111.9920, 55.2040,  
-9.2760

■ 233.8320, 34.8030,  
-19.5090

■ 86.2260, 54.4250,  
-11.6790

■ 247.5900, 20.8650,  
-20.2150

■ 63.6690, 45.9880,  
-7.4520

■ 250.7820, 11.8770,  
-11.5070

■ 42.6820, 35.9460,  
-1.6700

■ 254.0880, 2.5680,  
-2.4880

■ 22.2820, 25.6290,  
3.5890

■ 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,  
0.0000

■ 165.1560, 60.6140,  
-8.2020

■ 165.1560, 60.6140,  
-8.2020

■ 156.7780, 70.4260,  
-9.8140

■ 173.5340, 50.8020,  
-6.5900

■ 147.8130, 80.5130,  
-10.9030

■ 182.4990, 40.7150,  
-5.5010

■ 139.5490, 90.0040,  
-12.2040

■ 190.7630, 31.2240,  
-4.2000

■ 132.1000, 98.5780,  
-13.4060

■ 199.7280, 21.1370,  
-3.1110

■ 208.1060, 11.3250,  
-1.4990

■ 217.0710, 1.2380,  
-0.4100

■ 225.4490, -8.5740,  
1.2020

■ 233.3710,  
-17.1020, 1.5700

■ 239.8280,  
-20.1270, -4.1830

# Harmonies

## Analogous

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



167.1320, 70.3300, 13.9620



165.1560, 60.6140, -8.2020



161.8010, 36.0880, -26.2800

# Triad

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



165.1560, 60.6140, -8.2020



132.0500, -110.0300, -43.3900



171.3510, -4.0410, 34.7030

# Complementary

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



165.1560, 60.6140, -8.2020



136.8440, -60.6140, 8.2020

# 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.



162.8650, -55.9390, 17.0930



165.1560, 60.6140, -8.2020



135.0770, -122.6870, -28.7590

# Square

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



165.1560, 60.6140, -8.2020



145.4910, -54.2320, -41.4000



134.0460, -129.4290, -16.7010



171.2990, 37.2680, 40.4680



# Rectangle

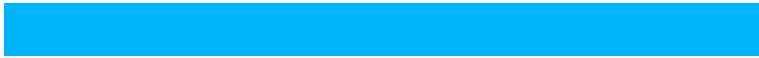
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165.1560, 60.6140, -8.2020



158.4820, 11.8810, -33.6150



134.0460, -129.4290, -16.7010



169.8050, -20.1790, 29.8130

# Sweetspot

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



165.1560, 60.6140, -8.2020



236.8420, 20.8160, -2.8000



131.4760, 58.9990, 48.6230



116.4760, 13.1590, -1.6970



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.



165.1560, 60.6140, -8.2020



180.6240, 85.4190, -11.7090



202.1260, 41.8220, -42.0980



105.2240, 5.1810, -0.2830



104.5570, 78.3580, -10.3940



27.8420, 20.8160, -2.8000



# Inverse Universe

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



136.8440, -60.6140, 8.2020



140.9630, -85.6940, 11.1860



99.8740, -41.8220, 42.0980



103.1890, -4.9060, 0.8060



68.4430, -78.3580, 10.3940

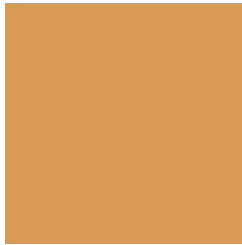


18.1580, -20.8160, 2.8000



# Previews

## White Background



This preview shows how the YIQ color 165.1560, 60.6140, -8.2020 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 165.1560, 60.6140, -8.2020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

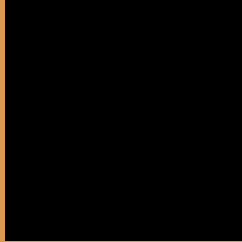
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 165.1560, 60.6140, -8.2020

## Background



This preview shows how black text looks on a background with the YIQ color 165.1560, 60.6140, -8.2020.



This preview shows how white text looks on a background with the YIQ color 165.1560, 60.6140,



# 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

165.1560, 60.6140, -8.2020

### Protanopia

164.0770, 35.4910, -20.9650

### Deuteranopia

164.3890, 52.4080, -13.6720



## Tritanopia

170.2770, 42.3610, 19.7450

# Trichromacy



## Original Color

165.1560, 60.6140, -8.2020

## Protanomaly

164.5020, 44.6600, -16.4280

## Deuteranomaly

164.4110, 55.3420, -11.7780

## Tritanomaly

168.3620, 49.0110, 9.3550

# Monochromacy



## Original Color

165.1560, 60.6140, -8.2020

## Achromatopsia

165.0000, -0.0000, -0.0000

## Achromatomaly

165.0270, 21.7330, -2.8990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 165.1560, 60.6140, -8.2020 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(218, 154, 84)` looks like.

```
.text, #text, p{  
    color:rgb(218, 154, 84)  
}
```

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(218, 154, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 154, 84) }
```

## Border

The CSS property to change the border of an element to YIQ 165.1560, 60.6140, -8.2020 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(218, 154, 84) }
```



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

```
.border{ border-color:rgb(218, 154, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 154, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 154, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 154, 84);  
box-shadow:4px 4px 4px 4px rgb(218, 154,  
84) }
```

# Background

The CSS property to change the background color of an element to YIQ 165.1560, 60.6140, -8.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 154, 84) }
```

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

```
.background{ background-color: rgb(218,  
154, 84) }
```

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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