

Converting Colors

YIQ(166.5350, 67.3970, 6.5410)

Have a look what the booklet for
YIQ(166.5350, 67.3970, 6.5410)
contains.

YIQ(166.5350, 67.3970, 6.5410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(166.5350, 67.3970,
6.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9067
RGB	235, 144, 103
RGB Percent	92%, 56%, 40%
CMY	0.0782, 0.4354, 0.5958
CMYK	0.00, 0.39, 0.56, 0.08
HSL	19°, 77%, 66%
HSV	19°, 56%, 92%
XYZ	46.6965, 38.5862, 17.8388
YIQ	166.5350, 67.3970, 6.5410

Conversions

Conversions Part 2

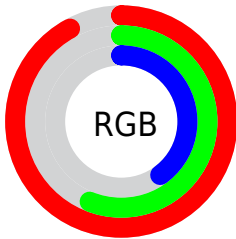
Format	Color
R _Y B	235, 162, 103
Decimal	15437927
CIE Lab	68.45, 30.52, 36.17
CIE LCh	68, 47.326, 49.836
Yxy	38.5862, 0.4528, 0.3742
Android (android.graphics.Color)	4293628007 (0xFFEB9067)
YUV	166.5350, -31.3228, 60.0438
Hunter-Lab	62.1178, 25.4798, 26.4557

Details

The YIQ color **166.5350, 67.3970, 6.5410** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **171.4650, -67.3970, -6.5410**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.7280, 47.5000, -1.8120**, and **113.1860, 61.0700, 5.5660** is the 20% darker color. If you saturate the color by 10%, you get **154.5210, 79.1800, 7.7560**, and if you desaturate by 10%, it is **178.6630, 55.2930, 5.6370**.

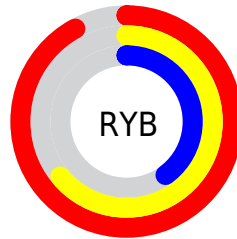
Distribution



Red (92%)

Green (56%)

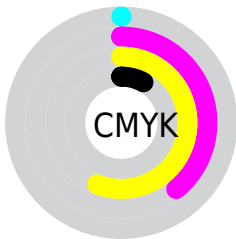
Blue (40%)



Red (92%)

Yellow (64%)

Blue (40%)

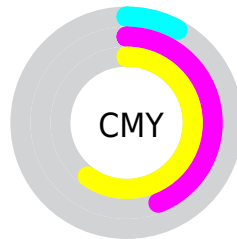


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (8%)



Cyan (8%)


Magenta (44%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.5350, 67.3970, 6.5410 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 166.5350, 67.3970, 6.5410 by changing the saturation by 10% instead.


 166.5350, 67.3970,
6.5410


 166.5350, 67.3970,
6.5410


255.0000, -0.0000,
-0.0000

 139.5670, 64.3710,
6.3150


 210.1410, 47.7750,
-1.2890


 112.5990, 61.3450,
6.0890


 230.2420, 31.1330,
-8.0590


 87.2180, 58.0440,
5.3400

 249.8700, 14.4450,
-13.9950

 61.8370, 54.7430,
4.5910

 253.0620, 5.4570,
-5.2870

 38.6500, 48.1400,
8.6200

 18.5380, 36.9520,
13.1440

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 166.5350, 67.3970,
6.5410

■ 166.5350, 67.3970,
6.5410

■ 154.5210, 79.1800,
7.7560

■ 178.6630, 55.2930,
5.6370

■ 142.3930, 91.2840,
8.6600

■ 190.6770, 43.5100,
4.4220

■ 129.7920,
103.3420, 10.3980

■ 203.3920, 31.1310,
2.9950

■ 117.6640,
115.4460, 11.3020

■ 215.4060, 19.3480,
1.7800

■ 113.1160,
119.9850, 11.6410

■ 227.5340, 7.2440,
0.8760

■ 239.5480, -4.5390,
-0.3390

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



168.1830, 66.2930, 26.5570



166.5350, 67.3970, 6.5410



163.8620, 52.4540, -14.5060

Triad

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



166.5350, 67.3970, 6.5410



138.8180, -77.2020, -43.6180



166.6180, -35.9500, 23.7780

Complementary

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



166.5350, 67.3970, 6.5410



171.4650, -67.3970, -6.5410

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.



147.1750, -98.5750, -3.1750



166.5350, 67.3970, 6.5410



133.1730, -114.5700, -38.2020

Square

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



166.5350, 67.3970, 6.5410



154.3460, -17.0950, -37.1190



134.9290, -125.0260, -24.9140



172.1310, 11.3180, 37.1900

Rectangle

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



166.5350, 67.3970, 6.5410



161.8440, 34.5290, -25.5590



134.9290, -125.0260, -24.9140



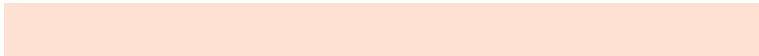
163.1210, -53.7840, 16.5840

Sweetspot

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



166.5350, 67.3970, 6.5410



232.4880, 22.0530, 2.3170



152.9560, 49.1400, 56.5960



114.4700, 13.2960, 1.3280



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.



166.5350, 67.3970, 6.5410



166.2400, 87.3410, 8.5330



204.6900, 49.5220, -27.4540



111.0500, 5.7310, 0.7630



86.9910, 92.4760, 9.0840



26.1250, 27.5090, 2.5570

Inverse Universe

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



171.4650, -67.3970, -6.5410



172.7600, -87.3410, -8.5330



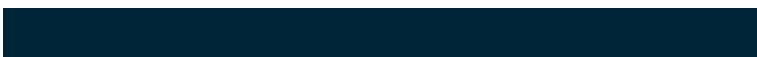
133.3100, -49.5220, 27.4540



111.9500, -5.7310, -0.7630



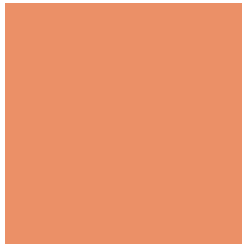
94.0090, -92.4760, -9.0840



27.8750, -27.5090, -2.5570

Previews

White Background



This preview shows how the YIQ color 166.5350, 67.3970, 6.5410 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 166.5350, 67.3970, 6.5410 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 166.5350, 67.3970, 6.5410

Background



This preview shows how black text looks on a background with the YIQ color 166.5350, 67.3970, 6.5410.



This preview shows how white text looks on a background with the YIQ color 166.5350, 67.3970,

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

166.5350, 67.3970, 6.5410

Protanopia

164.9160, 25.9990, -14.1370

Deuteranopia

166.0170, 44.8880, -9.5440



Tritanopia

169.0400, 56.3900, 24.3100

Trichromacy



Original Color

166.5350, 67.3970, 6.5410

Protanomaly

165.8580, 41.0820, -6.6460

Deuteranomaly

166.1970, 53.3690, -3.5510

Tritanomaly

168.0910, 60.3800, 18.0760

Monochromacy



Original Color

166.5350, 67.3970, 6.5410

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.1570, 24.4830, 2.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5350, 67.3970, 6.5410 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(235, 144, 103)` looks like.

```
.text, #text, p{  
    color:rgb(235, 144, 103)  
}
```

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(235, 144, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 144, 103) }
```

Border

The CSS property to change the border of an element to YIQ 166.5350, 67.3970, 6.5410 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(235, 144, 103) }
```


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

```
.border{ border-color:rgb(235, 144, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 144, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 144, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 144, 103);  
box-shadow:4px 4px 4px 4px rgb(235, 144,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5350, 67.3970, 6.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 144, 103) }
```

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

```
.background{ background-color: rgb(235,  
144, 103) }
```

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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