

Converting Colors

YIQ(166.5050, 40.5780, -8.5260)

Have a look what the booklet for
YIQ(166.5050, 40.5780, -8.5260)
contains.

YIQ(166.5050, 40.5780, -8.5260)	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(166.5050, 40.5780,
-8.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A16B
RGB	200, 161, 107
RGB Percent	78%, 63%, 42%
CMY	0.2156, 0.3687, 0.5802
CMYK	0.00, 0.20, 0.46, 0.22
HSL	35°, 46%, 60%
HSV	35°, 46%, 78%
XYZ	39.2220, 38.8280, 19.3515
YIQ	166.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

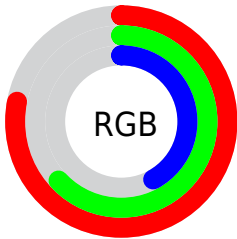
Format	Color
RYB	174, 200, 107
Decimal	13148523
CIELab	68.63, 7.48, 33.46
CIELCh	69, 34.286, 77.399
Yxy	38.8280, 0.4027, 0.3986
Android (android.graphics.Color)	4291338603 (0xFFC8A16B)
YUV	166.5050, -29.3360, 29.3751
Hunter-Lab	62.3121, 3.3095, 25.2055

Details

The YIQ color **166.5050, 40.5780, -8.5260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140.4950, -40.5780, 8.5260**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.1630, 41.5410, -9.4590**, and **114.2380, 36.9560, -8.9640** is the 20% darker color. If you saturate the color by 10%, you get **159.5290, 49.1980, -10.5620**, and if you desaturate by 10%, it is **173.4810, 31.9580, -6.4900**.

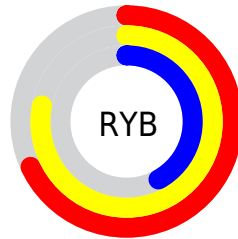
Distribution



Red (78%)

Green (63%)

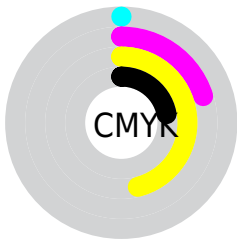
Blue (42%)



Red (68%)

Yellow (78%)

Blue (42%)

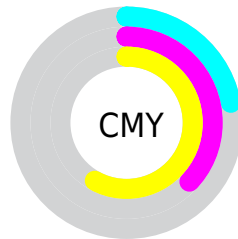


Cyan (0%)

Magenta (20%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.5050, 40.5780, -8.5260 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 166.5050, 40.5780, -8.5260 by changing the saturation by 10% instead.


 166.5050, 40.5780,
-8.5260


 166.5050, 40.5780,
-8.5260


255.0000, -0.0000,
-0.0000


 140.0210, 39.0650,
-8.6390


 221.1630, 41.5410,
-9.4590

 114.2380, 36.9560,
-8.9640


 240.6770, 25.1740,
-15.7060


 88.8680, 35.1220,
-8.7660

 250.3260, 13.1610,
-12.7510

 64.9710, 33.3340,
-9.4020

 253.6320, 3.8520,
-3.7320

 43.2140, 28.3360,
-6.9280

 23.7000, 18.3400,
-1.9800

 1.1960, 2.3840,

0.8480

0.0000, 0.0000,
0.0000

166.5050, 40.5780,
-8.5260

166.5050, 40.5780,
-8.5260

159.5290, 49.1980,
-10.5620

173.4810, 31.9580,
-6.4900

151.9660, 58.0930,
-12.0750

181.0440, 23.0630,
-4.9770

144.9900, 66.7130,
-14.1110

188.0200, 14.4430,
-2.9410

137.4270, 75.6080,
-15.6240

195.5830, 5.5480,
-1.4280

130.4510, 84.2280,
-17.6600

202.5590, -3.0720,
0.6080

■ 127.8920, 87.3000,
-18.2680

■ 209.5350,
-11.6920, 2.6440

■ 217.0980,
-20.5870, 4.1570

■ 222.7060,
-25.3550, 2.4610

■ 227.9890,
-27.8300, -2.2460

Harmonies

Analogous

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



168.7380, 50.7080, 6.1320



166.5050, 40.5780, -8.5260



163.4050, 19.9480, -20.1160

Triad

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



166.5050, 40.5780, -8.5260



147.3370, -73.6290, -25.7650



171.7570, 6.1390, 26.4190

Complementary

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



166.5050, 40.5780, -8.5260



140.4950, -40.5780, 8.5260

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.



167.4800, -27.0540, 16.7380



166.5050, 40.5780, -8.5260



148.3550, -82.0670, -16.0110

Square

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



166.5050, 40.5780, -8.5260



153.8660, -41.6260, -27.5620



158.8130, -59.3290, 1.4310



171.6430, 32.8230, 27.4070

Rectangle

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



166.5050, 40.5780, -8.5260



161.1900, 1.3800, -25.0200



158.8130, -59.3290, 1.4310



171.0160, -4.9560, 23.7480

Sweetspot

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



166.5050, 40.5780, -8.5260



242.0910, 15.6810, -3.3510



139.3670, 42.5880, 32.1560



119.6220, 9.8120, -1.6120



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.



166.5050, 40.5780, -8.5260



203.4780, 62.4030, -13.0930



187.6040, 26.2770, -30.1950



95.6260, 3.9890, -0.7070



104.5020, 71.0230, -15.1290



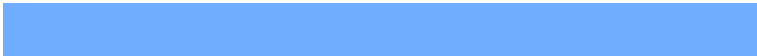
23.0910, 15.6810, -3.3510

Inverse Universe

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



140.4950, -40.5780, 8.5260



163.5220, -62.4030, 13.0930



119.3960, -26.2770, 30.1950



93.3740, -3.9890, 0.7070



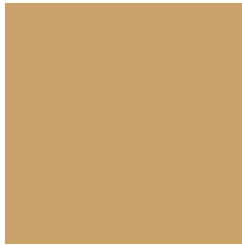
59.0850, -71.2980, 14.6060



12.9090, -15.6810, 3.3510

Previews

White Background



This preview shows how the YIQ color 166.5050, 40.5780, -8.5260 looks on a white background.

Color Contrast Check

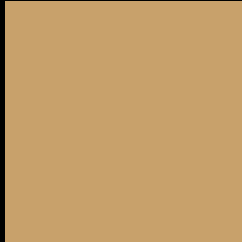
Large Text (above 18pt) WCAG AA × Fail

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 166.5050, 40.5780, -8.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

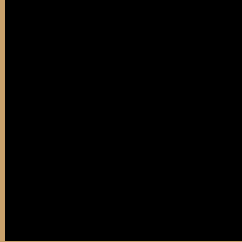
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.5050, 40.5780, -8.5260

Background



This preview shows how black text looks on a background with the YIQ color 166.5050, 40.5780, -8.5260.



This preview shows how white text looks on a background with the YIQ color 166.5050, 40.5780,

-8.5260.

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

166.5050, 40.5780, -8.5260

Protanopia

165.5740, 26.9620, -15.0700

Deuteranopia

166.5160, 42.0450, -7.5790



Tritanopia

170.8020, 27.4610, 14.4450

Trichromacy



Original Color

166.5050, 40.5780, -8.5260

Protanomaly

165.7920, 32.2800, -12.3280

Deuteranomaly

166.2170, 41.4490, -7.7910

Tritanomaly

169.5710, 32.1850, 5.9210

Monochromacy



Original Color

166.5050, 40.5780, -8.5260

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.9060, 14.7640, -3.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5050, 40.5780, -8.5260 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(200, 161, 107)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 107)  
}
```

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(200, 161, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 107) }
```

Border

The CSS property to change the border of an element to YIQ 166.5050, 40.5780, -8.5260 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(200, 161, 107) }
```


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

```
.border{ border-color:rgb(200, 161, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 161, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 107);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5050, 40.5780, -8.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 107) }
```

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

```
.background{ background-color: rgb(200,  
161, 107) }
```

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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