

Converting Colors

YIQ(156.3780, 60.1090, -4.5550)

Have a look what the booklet for
YIQ(156.3780, 60.1090, -4.5550)
contains.

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Color

**YIQ(156.3780, 60.1090,
-4.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	D38F52
RGB	211, 143, 82
RGB Percent	83%, 56%, 32%
CMY	0.1724, 0.4393, 0.6781
CMYK	0.00, 0.32, 0.61, 0.17
HSL	28°, 59%, 57%
HSV	28°, 61%, 83%
XYZ	38.2169, 34.1001, 12.5649
YIQ	156.3780, 60.1090, -4.5550

Conversions

Conversions Part 2

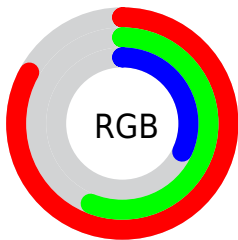
Format	Color
R_{YB}	211, 198, 82
Decimal	13864786
CIE _{Lab}	65.04, 19.72, 42.36
CIE _{LCh}	65, 46.723, 65.031
Yxy	34.1001, 0.4502, 0.4017
Android (android.graphics.Color)	4292054866 (0xFFD38F52)
YUV	156.3780, -36.6684, 47.9035
Hunter-Lab	58.3953, 14.6278, 28.1193

Details

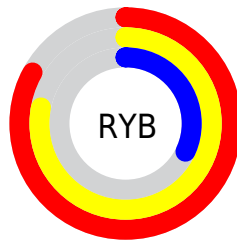
The YIQ color **156.3780, 60.1090, -4.5550** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **136.6220, -60.1090, 4.5550**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.0460, 55.1120, -7.6080**, and **103.5130, 55.2950, -5.4170** is the 20% darker color. If you saturate the color by 10%, you get **147.5270, 69.8750, -5.3330**, and if you desaturate by 10%, it is **165.2290, 50.3430, -3.7770**.

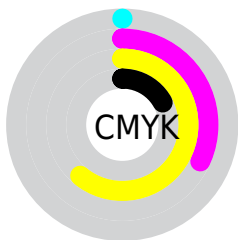
Distribution



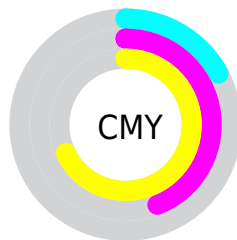
- Red (83%)
- Green (56%)
- Blue (32%)



- Red (83%)
- Yellow (78%)
- Blue (32%)



- Cyan (0%)
- Magenta (32%)
- Yellow (61%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.3780, 60.1090, -4.5550 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 156.3780, 60.1090, -4.5550 by changing the saturation by 10% instead.


 156.3780, 60.1090,
-4.5550


 156.3780, 60.1090,
-4.5550


255.0000, -0.0000,
-0.0000


 129.7090, 57.6790,
-4.5690


 207.0460, 55.1120,
-7.6080


 103.6270, 54.9740,
-5.1060


 226.5600, 38.7450,
-13.8550

 78.3770, 52.6820,
-7.6220


 246.6610, 22.1030,
-20.6250

 56.0050, 45.1620,
-3.4940

 250.4400, 12.8400,
-12.4400

 34.7190, 34.5240,
2.0760

 253.7460, 3.5310,
-3.4210

 14.0310, 25.0780,
8.0700

 0.0000, 0.0000,

0.0000

■ 156.3780, 60.1090,
-4.5550

■ 156.3780, 60.1090,
-4.5550

■ 147.5270, 69.8750,
-5.3330

■ 165.2290, 50.3430,
-3.7770

■ 138.6760, 79.6410,
-6.1110

■ 174.0800, 40.5770,
-2.9990

■ 129.8250, 89.4070,
-6.8890

■ 182.9310, 30.8110,
-2.2210

■ 121.7890, 98.2560,
-7.5680

■ 192.3690, 20.7700,
-1.9660

■ 201.3340, 10.6830,
-0.8770

■ 210.1850, 0.9170,
-0.0990

■ 219.0360, -8.8490,
0.6790

■ 227.8870,
-18.6150, 1.4570

■ 234.8000,
-22.9240, -3.0520

Harmonies

Analogous

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



158.1580, 67.4410, 16.7610



156.3780, 60.1090, -4.5550



153.5780, 38.3340, -22.9300

Triad

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



156.3780, 60.1090, -4.5550



123.7690, -101.8690, -42.6130



161.1220, -10.8260, 31.0140

Complementary

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



156.3780, 60.1090, -4.5550



136.6220, -60.1090, 4.5550

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.



150.9950, -62.3570, 12.2590



156.3780, 60.1090, -4.5550



127.8560, -114.7550, -29.3390

Square

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



156.3780, 60.1090, -4.5550



139.5310, -42.5410, -38.5170



127.5260, -122.0930, -17.4930



162.1240, 30.3910, 38.4470

Rectangle

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



156.3780, 60.1090, -4.5550



150.7000, 17.1990, -30.8730



127.5260, -122.0930, -17.4930



159.5760, -26.9640, 26.1240

Sweetspot

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



156.3780, 60.1090, -4.5550



235.6680, 21.3660, -1.7540



128.4370, 54.7350, 48.8070



115.8890, 13.4340, -1.1740



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.



156.3780, 60.1090, -4.5550



176.2700, 86.6560, -6.5920



193.9460, 42.5090, -38.0270



100.2240, 5.1810, -0.2830



96.6050, 78.4030, -5.7010



23.4120, 19.2110, -1.2450

Inverse Universe

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



136.6220, -60.1090, 4.5550



147.7300, -86.6560, 6.5920



99.0540, -42.5090, 38.0270



98.7760, -5.1810, 0.2830



71.3950, -78.4030, 5.7010



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 156.3780, 60.1090, -4.5550 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 156.3780, 60.1090, -4.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

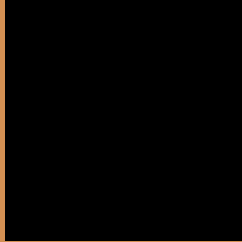
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.3780, 60.1090, -4.5550

Background



This preview shows how black text looks on a background with the YIQ color 156.3780, 60.1090, -4.5550.



This preview shows how white text looks on a background with the YIQ color 156.3780, 60.1090, -4.5550.

-4.5550.

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

156.3780, 60.1090, -4.5550

Protanopia

154.6900, 32.3270, -18.6890

Deuteranopia

155.7630, 48.4190, -12.9650



Tritanopia

161.0600, 44.4700, 20.0700

Trichromacy



Original Color

156.3780, 60.1090, -4.5550

Protanomaly

155.4140, 42.0920, -13.9400

Deuteranomaly

155.9100, 52.4990, -9.8130

Tritanomaly

159.6010, 49.8360, 10.9240

Monochromacy



Original Color

156.3780, 60.1090, -4.5550

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9670, 21.9620, -1.5420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.3780, 60.1090, -4.5550 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(211, 143, 82)` looks like.

```
.text, #text, p{  
    color:rgb(211, 143, 82)  
}
```

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(211, 143, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 143, 82) }
```

Border

The CSS property to change the border of an element to YIQ 156.3780, 60.1090, -4.5550 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(211, 143, 82) }
```


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

```
.border{ border-color:rgb(211, 143, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 143, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 143, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 143, 82);  
box-shadow:4px 4px 4px 4px rgb(211, 143,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 156.3780, 60.1090, -4.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 143, 82) }
```

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

```
.background{ background-color: rgb(211,  
143, 82) }
```

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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