

Converting Colors

YIQ(156.0740, 40.7140, 0.0260)

Have a look what the booklet for
YIQ(156.0740, 40.7140, 0.0260)
contains.

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Color

**YIQ(156.0740, 40.7140,
0.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	C3916F
RGB	195, 145, 111
RGB Percent	76%, 57%, 44%
CMY	0.2352, 0.4314, 0.5645
CMYK	0.00, 0.26, 0.43, 0.24
HSL	24°, 41%, 60%
HSV	24°, 43%, 76%
XYZ	35.5062, 32.9985, 19.5507
YIQ	156.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

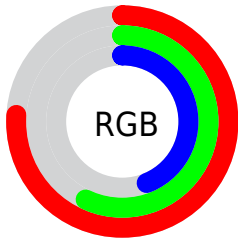
Format	Color
RYB	195, 168, 111
Decimal	12816751
CIELab	64.16, 14.59, 25.37
CIELCh	64, 29.268, 60.109
Yxy	32.9985, 0.4032, 0.3747
Android (android.graphics.Color)	4291006831 (0xFFC3916F)
YUV	156.0740, -22.2215, 34.1381
Hunter-Lab	57.4443, 9.8027, 20.0321

Details

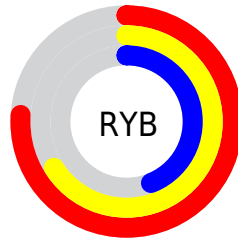
The YIQ color $156.0740, 40.7140, 0.0260$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $149.9260, -40.7140, -0.0260$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $211.0420, 43.7400, 0.2520$, and $103.9210, 36.7710, -0.1010$ is the 20% darker color. If you saturate the color by 10%, you get $146.8640, 50.1130, 0.3930$, and if you desaturate by 10%, it is $165.3980, 30.9940, -0.0300$.

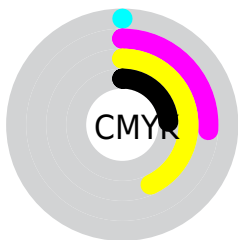
Distribution



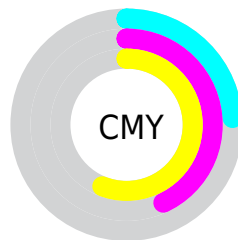
- Red (76%)
- Green (57%)
- Blue (44%)



- Red (76%)
- Yellow (66%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.0740, 40.7140, 0.0260 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 156.0740, 40.7140, 0.0260 by changing the saturation by 10% instead.


 156.0740, 40.7140,
0.0260


 156.0740, 40.7140,
0.0260


255.0000, -0.0000,
-0.0000


 129.5900, 39.2010,
-0.0870


 211.0420, 43.7400,
0.2520


 103.9210, 36.7710,
-0.1010


 231.1540, 28.5650,
-5.5710


 79.7250, 34.3870,
-0.9490

 250.7820, 11.8770,
-11.5070

 56.0560, 31.9570,
-0.9630

 254.0880, 2.5680,
-2.4880

 34.3870, 29.5270,
-0.9770

 12.8240, 21.2270,
6.2750

 0.0000, 0.0000,

0.0000

■ 156.0740, 40.7140,
0.0260

■ 156.0740, 40.7140,
0.0260

■ 146.8640, 50.1130,
0.3930

■ 165.3980, 30.9940,
-0.0300

■ 138.1270, 59.5580,
-0.0740

■ 174.0210, 21.8700,
0.1260

■ 128.9170, 68.9570,
0.2930

■ 183.3450, 12.1500,
0.0700

■ 119.5930, 78.6770,
0.3490

■ 191.9680, 3.0260,
0.2260

■ 110.9700, 87.8010,
0.1930

■ 201.2920, -6.6940,
0.1700

■ 104.6780, 94.4950,
0.0230

■ 210.5020,
-16.0930, -0.1970

■ 219.2390,
-25.5380, 0.2700

■ 227.0810,
-31.0850, -3.8290

■ 234.1250,
-34.3850, -10.1050

Harmonies

Analogous

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



157.8330, 43.3710, 12.4510



156.0740, 40.7140, 0.0260



154.1660, 28.2910, -11.6210

Triad

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



156.0740, 40.7140, 0.0260



143.1740, -45.2490, -22.4730



157.9180, -10.7320, 18.2920

Complementary

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



156.0740, 40.7140, 0.0260



149.9260, -40.7140, -0.0260

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.



152.5230, -37.7810, 7.3950



156.0740, 40.7140, 0.0260



140.4680, -63.4520, -17.4680

Square

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



156.0740, 40.7140, 0.0260



147.4190, -18.1980, -22.6300



144.7710, -59.5110, -6.2870



159.4390, 15.7220, 23.4500

Rectangle

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



156.0740, 40.7140, 0.0260



152.0610, 15.2250, -17.1190



144.7710, -59.5110, -6.2870



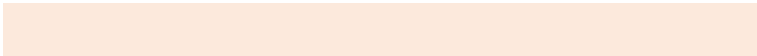
156.4330, -19.6720, 15.1120

Sweetspot

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



156.0740, 40.7140, 0.0260



237.1990, 15.4970, -0.0150



141.8160, 34.0140, 33.3580



117.9750, 10.3160, 0.2680



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.



156.0740, 40.7140, 0.0260



191.2800, 63.5010, 0.0530



180.7280, 29.1640, -21.9400



92.3380, 4.8600, 0.0280



86.2940, 78.0810, 0.1370



17.4980, 16.0930, 0.1970

Inverse Universe

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



149.9260, -40.7140, -0.0260



181.7200, -63.5010, -0.0530



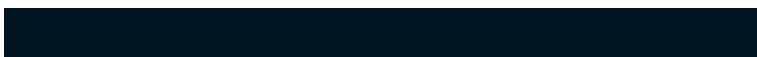
125.2720, -29.1640, 21.9400



91.6620, -4.8600, -0.0280



74.7060, -78.0810, -0.1370



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 156.0740, 40.7140, 0.0260 looks on a white background.

Color Contrast Check

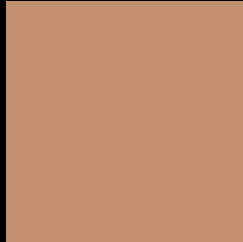
Large Text (above 18pt) WCAG AA × Fail

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 156.0740, 40.7140, 0.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

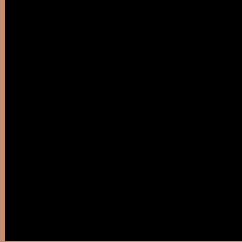
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.0740, 40.7140, 0.0260

Background



This preview shows how black text looks on a background with the YIQ color 156.0740, 40.7140, 0.0260.



This preview shows how white text looks on a background with the YIQ color 156.0740, 40.7140,

0.0260.

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

156.0740, 40.7140, 0.0260

Protanopia

154.7290, 19.3960, -10.1080

Deuteranopia

155.3180, 33.9750, -4.4970



Tritanopia

158.7810, 31.9540, 15.6180

Trichromacy



Original Color

156.0740, 40.7140, 0.0260

Protanomaly

155.1430, 27.0980, -6.5180

Deuteranomaly

155.9270, 36.6340, -3.1260

Tritanomaly

158.0600, 35.3020, 10.0060

Monochromacy



Original Color

156.0740, 40.7140, 0.0260

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0740, 40.7140, 0.0260 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(195, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 111)  
}
```

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(195, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 111) }
```

Border

The CSS property to change the border of an element to YIQ 156.0740, 40.7140, 0.0260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

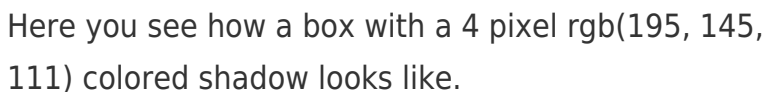
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 145, 111) }
```


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

```
.border{ border-color:rgb(195, 145, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 145, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 145, 111); box-shadow:4px 4px 4px 4px rgb(195, 145, 111) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0740, 40.7140, 0.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 111) }
```

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

```
.background{ background-color: rgb(195,  
145, 111) }
```

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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