

Converting Colors

YIQ(181.7750, 40.1180, -0.1860)

Have a look what the booklet for
YIQ(181.7750, 40.1180, -0.1860)
contains.

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Color

**YIQ(181.7750, 40.1180,
-0.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAB89
RGB	220, 171, 137
RGB Percent	86%, 67%, 54%
CMY	0.1372, 0.3295, 0.4626
CMYK	0.00, 0.22, 0.38, 0.14
HSL	25°, 54%, 70%
HSV	25°, 38%, 86%
XYZ	48.6003, 46.1449, 30.0301
YIQ	181.7750, 40.1180, -0.1860

Conversions

Conversions Part 2

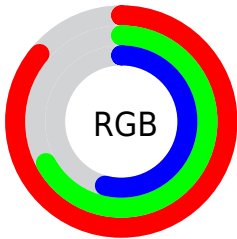
Format	Color
RYB	220, 195, 137
Decimal	14461833
CIELab	73.64, 13.45, 24.37
CIELCh	74, 27.830, 61.104
Yxy	46.1449, 0.3895, 0.3698
Android (android.graphics.Color)	4292651913 (0xFFDCAB89)
YUV	181.7750, -22.0741, 33.5233
Hunter-Lab	67.9301, 8.8295, 21.3405

Details

The YIQ color **181.7750, 40.1180, -0.1860** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **175.2250, -40.1180, 0.1860**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.6810, 28.5190, -4.7370**, and **128.5080, 36.4960, -0.6240** is the 20% darker color. If you saturate the color by 10%, you get **171.6360, 50.7550, -0.2290**, and if you desaturate by 10%, it is **191.9140, 29.4810, -0.1430**.

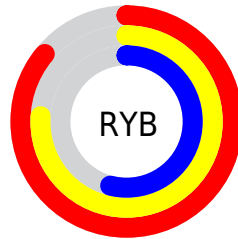
Distribution



Red (86%)

Green (67%)

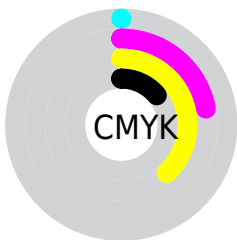
Blue (54%)



Red (86%)

Yellow (76%)

Blue (54%)

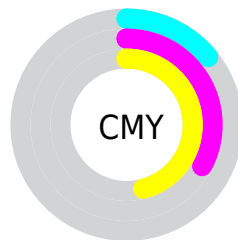


Cyan (0%)

Magenta (22%)

Yellow (38%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.7750, 40.1180, -0.1860 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 181.7750, 40.1180, -0.1860 by changing the saturation by 10% instead.


 181.7750, 40.1180,
-0.1860


 181.7750, 40.1180,
-0.1860


255.0000, -0.0000,
-0.0000


 154.2910, 38.6050,
-0.2990


 230.6810, 28.5190,
-4.7370


 128.5080, 36.4960,
-0.6240


 250.8960, 11.5560,
-11.1960

 103.0240, 34.9830,
-0.7370

 254.0880, 2.5680,
-2.4880

 78.3550, 32.5530,
-0.7510

 55.1590, 30.1690,
-1.5990

 32.9030, 28.0140,
-1.0900

 11.6390, 20.3100,

6.3740

■ 0.0000, 0.0000,
0.0000

■ 181.7750, 40.1180,
-0.1860

■ 181.7750, 40.1180,
-0.1860

■ 171.6360, 50.7550,
-0.2290

■ 191.9140, 29.4810,
-0.1430

■ 161.4970, 61.3920,
-0.2720

■ 202.0530, 18.8440,
-0.1000

■ 151.3580, 72.0290,
-0.3150

■ 212.1920, 8.2070,
-0.0570

■ 141.2190, 82.6660,
-0.3580

■ 222.3310, -2.4300,
-0.0140

■ 131.0800, 93.3030,
-0.4010

■ 232.4700,
-13.0670, 0.0290

■ 120.9410,
103.9400, -0.4440

■ 241.0130,
-19.2100, -4.2820

■ 118.6100,
106.3700, -0.4300

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



183.4200, 43.0960, 11.9280



181.7750, 40.1180, -0.1860



179.9810, 27.3740, -11.5220

Triad

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



181.7750, 40.1180, -0.1860



169.7830, -42.5900, -21.1020



183.4020, -9.2190, 18.4050

Complementary

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



181.7750, 40.1180, -0.1860



175.2250, -40.1180, 0.1860

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.



178.7190, -35.3970, 8.2430



181.7750, 40.1180, -0.1860



168.4580, -57.4920, -15.3480

Square

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



181.7750, 40.1180, -0.1860



173.5330, -18.5190, -22.3190



172.4620, -54.1470, -4.3790



185.2110, 16.3640, 22.8280

Rectangle

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



181.7750, 40.1180, -0.1860



177.8760, 14.3080, -17.0200



172.4620, -54.1470, -4.3790



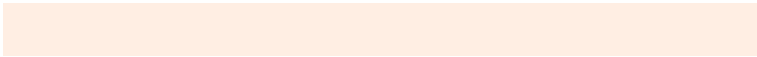
182.2160, -17.5630, 15.4370

Sweetspot

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



181.7750, 40.1180, -0.1860



241.8290, 13.6630, 0.1830



167.5170, 33.4180, 33.1460



120.1920, 8.2070, -0.0570



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.



181.7750, 40.1180, -0.1860



201.9740, 55.6150, -0.2010



205.8420, 28.8430, -21.6290



104.6370, 5.4560, 0.2400



93.4040, 83.5830, -0.4570



24.9070, 22.1910, -0.1850

Inverse Universe

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



175.2250, -40.1180, 0.1860



193.0260, -55.6150, 0.2010



151.1580, -28.8430, 21.6290



103.7760, -5.1810, 0.2830



79.5960, -83.5830, 0.4570



21.0930, -22.1910, 0.1850

Previews

White Background



This preview shows how the YIQ color 181.7750, 40.1180, -0.1860 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 181.7750, 40.1180, -0.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

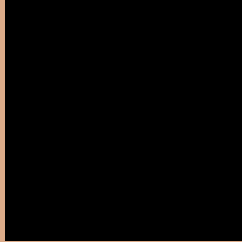
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.7750, 40.1180, -0.1860

Background



This preview shows how black text looks on a background with the YIQ color 181.7750, 40.1180, -0.1860.



This preview shows how white text looks on a background with the YIQ color 181.7750, 40.1180, -0.1860.

-0.1860.

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

181.7750, 40.1180, -0.1860

Protanopia

180.1420, 19.6710, -9.5850

Deuteranopia

181.4430, 35.1210, -3.2390



Tritanopia

184.1230, 30.9910, 16.5510

Trichromacy



Original Color

181.7750, 40.1180, -0.1860

Protanomaly

180.5560, 27.3730, -5.9950

Deuteranomaly

181.7530, 37.1840, -2.0800

Tritanomaly

183.2880, 34.6600, 10.6280

Monochromacy



Original Color

181.7750, 40.1180, -0.1860

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7750, 40.1180, -0.1860 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(220, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 137)  
}
```

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(220, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 137) }
```

Border

The CSS property to change the border of an element to YIQ 181.7750, 40.1180, -0.1860 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(220, 171, 137) }
```


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

```
.border{ border-color:rgb(220, 171, 137) }
```

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

Here you see how a box with a 4 pixel rgb(220, 171, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7750, 40.1180, -0.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 137) }
```

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

```
.background{ background-color: rgb(220,  
171, 137) }
```

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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