

Converting Colors

YIQ(170.1980, 60.7960, -0.4840)

Have a look what the booklet for
YIQ(170.1980, 60.7960, -0.4840)
contains.

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Color

**YIQ(170.1980, 60.7960,
-0.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	E49A66
RGB	228, 154, 102
RGB Percent	89%, 60%, 40%
CMY	0.1057, 0.3962, 0.5997
CMYK	0.00, 0.32, 0.55, 0.11
HSL	25°, 70%, 65%
HSV	25°, 55%, 89%
XYZ	45.9588, 40.5616, 17.9959
YIQ	170.1980, 60.7960, -0.4840

Conversions

Conversions Part 2

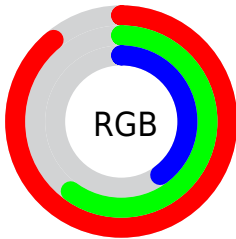
Format	Color
R _Y B	228, 191, 102
Decimal	14981734
CIE Lab	69.87, 22.33, 38.29
CIE LCh	70, 44.324, 59.754
Yxy	40.5616, 0.4397, 0.3881
Android (android.graphics.Color)	4293171814 (0xFFE49A66)
YUV	170.1980, -33.6216, 50.6924
Hunter-Lab	63.6880, 17.3560, 27.8284

Details

The YIQ color **170.1980, 60.7960, -0.4840** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.8020, -60.7960, 0.4840**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4840, 45.0710, -7.3530**, and **117.0340, 55.3860, -1.5580** is the 20% darker color. If you saturate the color by 10%, you get **159.9450, 71.7540, -0.8380**, and if you desaturate by 10%, it is **180.4510, 49.8380, -0.1300**.

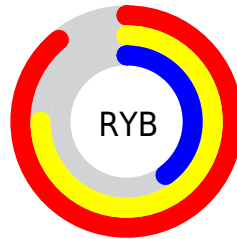
Distribution



Red (89%)

Green (60%)

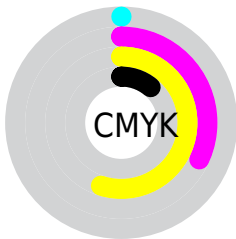
Blue (40%)



Red (89%)

Yellow (75%)

Blue (40%)

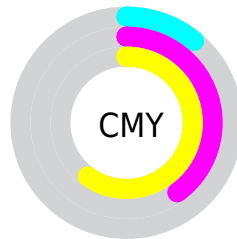


Cyan (0%)

Magenta (32%)

Yellow (55%)

Black (11%)



Cyan (11%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.1980, 60.7960, -0.4840 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 170.1980, 60.7960, -0.4840 by changing the saturation by 10% instead.

170.1980, 60.7960,
-0.4840

170.1980, 60.7960,
-0.4840

255.0000, -0.0000,
-0.0000

143.1160, 58.0910,
-1.0210

216.4840, 45.0710,
-7.3530

116.4470, 55.6610,
-1.0350

235.9980, 28.7040,
-13.6000

91.0660, 52.3600,
-1.7840

249.7560, 14.7660,
-14.3060

66.3430, 50.0220,
-3.4660

252.9480, 5.7780,
-5.5980

44.1990, 41.8600,
1.2840

23.2120, 31.8180,
7.0660

10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 170.1980, 60.7960,
-0.4840

■ 170.1980, 60.7960,
-0.4840

■ 159.9450, 71.7540,
-0.8380

■ 180.4510, 49.8380,
-0.1300

■ 149.1050, 82.9870,
-0.6690

■ 191.2910, 38.6050,
-0.2990

■ 138.9660, 93.6240,
-0.7120

■ 201.4300, 27.9680,
-0.2560

■ 128.1260,
104.8570, -0.5430

■ 212.2700, 16.7350,
-0.4250

■ 123.3500,
110.0380, -0.8260

■ 222.5230, 5.7770,
-0.0710

■ 232.7760, -5.1810,
0.2830

■ 242.8180,
-14.1670, -2.0630

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



172.0700, 64.8730, 19.2490



170.1980, 60.7960, -0.4840



167.3660, 42.0470, -18.6330

Triad

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



170.1980, 60.7960, -0.4840



139.1460, -92.7450, -42.7690



173.4200, -17.6570, 28.1590

Complementary

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



170.1980, 60.7960, -0.4840



159.8020, -60.7960, 0.4840

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.



162.7340, -66.1160, 8.7960



170.1980, 60.7960, -0.4840



135.9430, -119.6140, -34.8940

Square

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



170.1980, 60.7960, -0.4840



156.4570, -30.5290, -35.9450



135.8410, -127.5940, -22.4260



175.9490, 23.5140, 36.4260

Rectangle

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



170.1980, 60.7960, -0.4840



165.0320, 22.1960, -27.8200



135.8410, -127.5940, -22.4260



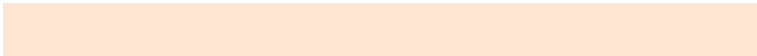
170.6460, -33.1530, 22.6470

Sweetspot

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



170.1980, 60.7960, -0.4840



235.4230, 20.6780, -0.2980



148.3380, 50.7000, 50.3480



116.2310, 12.4710, -0.2410



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.



170.1980, 60.7960, -0.4840



177.7350, 81.1530, -0.4710



206.0050, 44.0210, -32.3870



109.5230, 5.7770, -0.0710



96.9590, 86.3340, -0.7540



27.5760, 24.6210, -0.1710

Inverse Universe

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



159.8020, -60.7960, 0.4840



164.2650, -81.1530, 0.4710



123.9950, -44.0210, 32.3870



108.4770, -5.7770, 0.0710



82.0410, -86.3340, 0.7540



23.4240, -24.6210, 0.1710

Previews

White Background



This preview shows how the YIQ color 170.1980, 60.7960, -0.4840 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 170.1980, 60.7960, -0.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

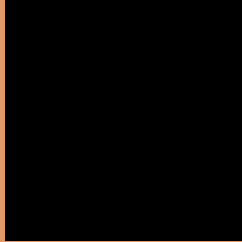
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1980, 60.7960, -0.4840

Background



This preview shows how black text looks on a background with the YIQ color 170.1980, 60.7960, -0.4840.



This preview shows how white text looks on a background with the YIQ color 170.1980, 60.7960, -0.4840.

-0.4840.

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

170.1980, 60.7960, -0.4840

Protanopia

168.4170, 28.8420, -16.1020

Deuteranopia

169.2730, 47.0430, -10.0530



Tritanopia

173.6690, 47.1290, 21.4410

Trichromacy



Original Color

170.1980, 60.7960, -0.4840

Protanomaly

169.0380, 40.3950, -10.7170

Deuteranomaly

169.7190, 51.7190, -6.6890

Tritanomaly

172.8510, 52.1280, 13.4400

Monochromacy



Original Color

170.1980, 60.7960, -0.4840

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9070, 22.1910, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1980, 60.7960, -0.4840 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(228, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(228, 154, 102)  
}
```

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(228, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 154, 102) }
```

Border

The CSS property to change the border of an element to YIQ 170.1980, 60.7960, -0.4840 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(228, 154, 102) }
```


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

```
.border{ border-color:rgb(228, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 154, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 154, 102); box-shadow:4px 4px 4px 4px rgb(228, 154, 102) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1980, 60.7960, -0.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 154, 102) }
```

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

```
.background{ background-color: rgb(228,  
154, 102) }
```

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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