

Converting Colors

YIQ(160.1790, 27.4170, 4.2250)

Have a look what the booklet for
YIQ(160.1790, 27.4170, 4.2250)
contains.

YIQ(160.1790, 27.4170, 4.2250)	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(160.1790, 27.4170,
4.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9689
RGB	189, 150, 137
RGB Percent	74%, 59%, 54%
CMY	0.2587, 0.4118, 0.4626
CMYK	0.00, 0.21, 0.28, 0.26
HSL	15°, 28%, 64%
HSV	15°, 28%, 74%
XYZ	36.4129, 34.4360, 28.4060
YIQ	160.1790, 27.4170, 4.2250

Conversions

Conversions Part 2

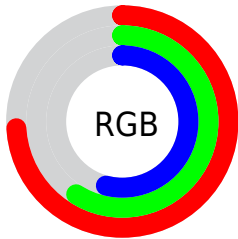
Format	Color
RYB	189, 154, 137
Decimal	12424841
CIELab	65.31, 12.68, 12.39
CIElCh	65, 17.728, 44.339
Yxy	34.4360, 0.3669, 0.3469
Android (android.graphics.Color)	4290614921 (0xFFBD9689)
YUV	160.1790, -11.4272, 25.2760
Hunter-Lab	58.6822, 8.0670, 12.3774

Details

The YIQ color **160.1790, 27.4170, 4.2250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.8210, -27.4170, -4.2250**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9620, 29.5260, 4.5500**, and **108.3960, 25.3080, 3.9000** is the 20% darker color. If you saturate the color by 10%, you get **149.7950, 37.3660, 5.6380**, and if you desaturate by 10%, it is **170.5630, 17.4680, 2.8120**.

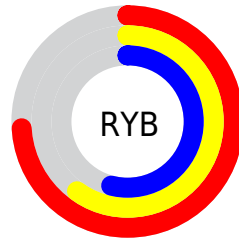
Distribution



Red (74%)

Green (59%)

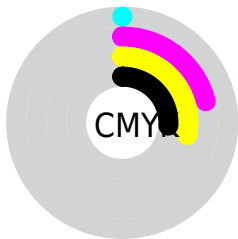
Blue (54%)



Red (74%)

Yellow (60%)

Blue (54%)

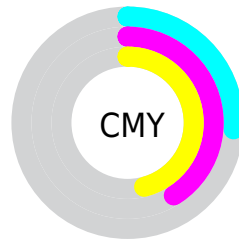


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 160.1790, 27.4170, 4.2250 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 160.1790, 27.4170, 4.2250 by changing the saturation by 10% instead.


 160.1790, 27.4170,
4.2250


 160.1790, 27.4170,
4.2250


255.0000, -0.0000,
-0.0000


 133.9940, 26.5000,
4.3240


 214.9620, 29.5260,
4.5500


 108.3960, 25.3080,
3.9000


 237.2810, 18.2020,
0.5220

 83.9120, 23.7950,
3.7870

 254.0880, 2.5680,
-2.4880

 60.4280, 22.2820,
3.6740

 38.2320, 19.8980,
2.8260

 16.6450, 20.1730,
3.3490

 0.0000, 0.0000,

0.0000

■ 160.1790, 27.4170,
4.2250

■ 160.1790, 27.4170,
4.2250

■ 149.7950, 37.3660,
5.6380

■ 170.5630, 17.4680,
2.8120

■ 139.4110, 47.3150,
7.0510

■ 180.9470, 7.5190,
1.3990

■ 128.4400, 57.5390,
8.9870

■ 191.9180, -2.7050,
-0.5370

■ 118.0560, 67.4880,
10.4000

■ 202.3020,
-12.6540, -1.9500

■ 107.7860, 77.1160,
12.1240

■ 212.6860,
-22.6030, -3.3630

■ 97.4020, 87.0650,
13.5370

■ 222.9560,
-32.2310, -5.0870

■ 87.0180, 97.0140,
14.9500

■ 231.7440,
-37.6860, -10.8540

■ 84.1000, 99.7190,
15.4870

■ 235.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



161.4980, 25.2610, 10.2610



160.1790, 27.4170, 4.2250



159.0980, 22.9710, -3.3090

Triad

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



160.1790, 27.4170, 4.2250



153.2870, -17.4660, -13.8660



158.8540, -13.8480, 8.6800

Complementary

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



160.1790, 27.4170, 4.2250



165.8210, -27.4170, -4.2250

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.



155.5100, -27.7390, 1.6130



160.1790, 27.4170, 4.2250



152.5230, -29.7540, -11.4340

Square

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



160.1790, 27.4170, 4.2250



155.1270, -2.3360, -12.7360



152.9450, -33.6980, -6.0340



160.9870, 2.0150, 13.0470

Rectangle

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



160.1790, 27.4170, 4.2250



157.7550, 16.5070, -7.3090



152.9450, -33.6980, -6.0340



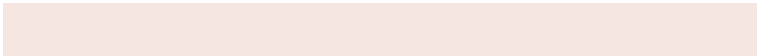
157.7500, -19.4870, 6.2490

Sweetspot

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



160.1790, 27.4170, 4.2250



233.9150, 10.5450, 1.6250



157.1080, 18.1520, 23.4640



115.3490, 6.3270, 0.9750



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



160.1790, 27.4170, 4.2250



199.9590, 42.7760, 6.7120



174.8540, 20.5420, -8.8500



88.8650, 4.8140, 0.8620



70.1350, 83.4430, 13.0990



13.9650, 16.2760, 2.3880

Inverse Universe

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



165.8210, -27.4170, -4.2250



209.0410, -42.7760, -6.7120



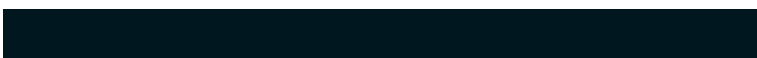
151.1460, -20.5420, 8.8500



90.1350, -4.8140, -0.8620



87.8650, -83.4430, -13.0990



17.0350, -16.2760, -2.3880

Previews

White Background



This preview shows how the YIQ color 160.1790, 27.4170, 4.2250 looks on a white background.

Color Contrast Check

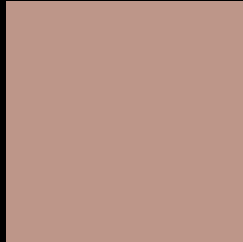
Large Text (above 18pt) WCAG AA × Fail

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 160.1790, 27.4170, 4.2250 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 160.1790, 27.4170, 4.2250

Background



This preview shows how black text looks on a background with the YIQ color 160.1790, 27.4170, 4.2250.



This preview shows how white text looks on a background with the YIQ color 160.1790, 27.4170,

4.2250.

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

160.1790, 27.4170, 4.2250

Protanopia

158.4540, 10.2250, -3.5910

Deuteranopia

159.7330, 22.7410, 0.8610



Tritanopia

161.4100, 22.6930, 12.7490

Trichromacy



Original Color

160.1790, 27.4170, 4.2250

Protanomaly

158.9710, 16.1390, -0.6370

Deuteranomaly

160.0430, 24.8040, 2.0200

Tritanomaly

160.7860, 24.3900, 9.5260

Monochromacy



Original Color

160.1790, 27.4170, 4.2250

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0290, 10.2240, 1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.1790, 27.4170, 4.2250 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(189, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 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(189, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 137) }
```

Border

The CSS property to change the border of an element to YIQ 160.1790, 27.4170, 4.2250 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(189, 150, 137) }
```


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

```
.border{ border-color:rgb(189, 150, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 150, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 160.1790, 27.4170, 4.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 150, 137) }
```

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

```
.background{ background-color: rgb(189,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor