

Converting Colors

YIQ(151.8010, 45.2560,
-16.2160)

Have a look what the booklet for
YIQ(151.8010, 45.2560, -16.2160)
contains.

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Color

**YIQ(151.8010, 45.2560,
-16.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	B9964A
RGB	185, 150, 74
RGB Percent	73%, 59%, 29%
CMY	0.2745, 0.4118, 0.7096
CMYK	0.00, 0.19, 0.60, 0.27
HSL	41°, 44%, 51%
HSV	41°, 60%, 73%
XYZ	32.1518, 32.6186, 11.0907
YIQ	151.8010, 45.2560, -16.2160

Conversions

Conversions Part 2

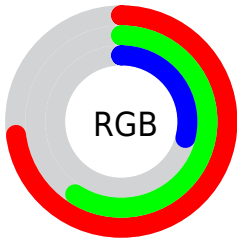
Format	Color
RYB	125, 185, 74
Decimal	12162634
CIELab	63.85, 4.20, 44.27
CIElCh	64, 44.469, 84.581
Yxy	32.6186, 0.4238, 0.4300
Android (android.graphics.Color)	4290352714 (0xFFB9964A)
YUV	151.8010, -38.3559, 29.1155
Hunter-Lab	57.1127, 0.5402, 28.4653

Details

The YIQ color **151.8010, 45.2560, -16.2160** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **107.1990, -45.2560, 16.2160**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.6550, 48.6030, -16.3010**, and **99.4200, 41.9550, -16.9650** is the 20% darker color. If you saturate the color by 10%, you get **146.2270, 52.6840, -18.6760**, and if you desaturate by 10%, it is **157.4890, 37.5070, -13.4450**.

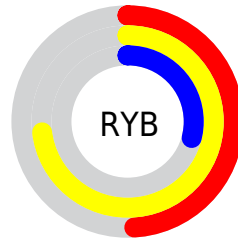
Distribution



Red (73%)

Green (59%)

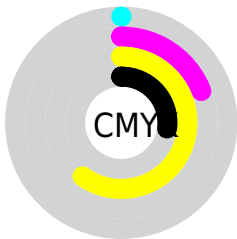
Blue (29%)



Red (49%)

Yellow (73%)

Blue (29%)

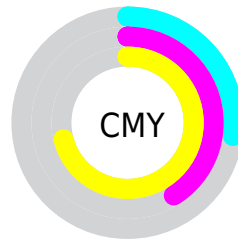


Cyan (0%)

Magenta (19%)

Yellow (60%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8010, 45.2560, -16.2160 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 151.8010, 45.2560, -16.2160 by changing the saturation by 10% instead.

■ 151.8010, 45.2560,
-16.2160

■ 151.8010, 45.2560,
-16.2160

■ 255.0000, -0.0000,
-0.0000

■ 125.3170, 43.7430,
-16.3290

■ 206.6550, 48.6030,
-16.3010

■ 99.4200, 41.9550,
-16.9650

■ 229.7570, 39.3880,
-20.0040

■ 75.1100, 39.8920,
-18.1240

■ 246.3360, 24.3960,
-23.6360

■ 53.8350, 30.7210,
-11.6070

■ 249.5280, 15.4080,
-14.9280

■ 33.7340, 21.0000,
-6.1360

■ 252.7200, 6.4200,
-6.2200

■ 13.3450, 12.1500,
0.0700

■ 0.0000, 0.0000,

0.0000

■ 151.8010, 45.2560,
-16.2160

■ 151.8010, 45.2560,
-16.2160

■ 146.2270, 52.6840,
-18.6760

■ 157.4890, 37.5070,
-13.4450

■ 140.5390, 60.4330,
-21.4470

■ 163.0630, 30.0790,
-10.9850

■ 134.9650, 67.8610,
-23.9070

■ 168.7510, 22.3300,
-8.2140

■ 129.8640, 75.3350,
-27.2010

■ 173.7380, 15.1770,
-5.2310

■ 179.4260, 7.4280,
-2.4600

■ 185.0000, -0.0000,
-0.0000

■ 190.6880, -7.7490,
2.7710

■ 196.2620,
-15.1770, 5.2310

■ 201.9500,
-22.9260, 8.0020

Harmonies

Analogous

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



154.1920, 60.9330, 2.5410



151.8010, 45.2560, -16.2160



147.8680, 16.7860, -28.8940

Triad

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



151.8010, 45.2560, -16.2160



123.9290, -107.8310, -33.6790



159.3010, 16.5910, 35.2390

Complementary

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



151.8010, 45.2560, -16.2160



107.1990, -45.2560, 16.2160

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.



156.1200, -25.6800, 24.8800



151.8010, 45.2560, -16.2160



124.6420, -116.7280, -21.1120

Square

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



151.8010, 45.2560, -16.2160



121.1630, -91.4150, -44.8470



141.4010, -78.5400, 2.6760



157.2860, 47.3100, 34.6860

Rectangle

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



151.8010, 45.2560, -16.2160



144.2440, -7.8800, -33.4160



141.4010, -78.5400, 2.6760



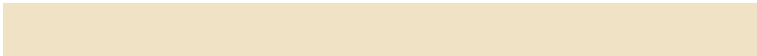
159.1900, 3.6620, 32.7660

Sweetspot

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



151.8010, 45.2560, -16.2160



226.8800, 17.6530, -6.0510



111.1790, 54.9210, 34.4170



112.2260, 10.8670, -4.2130



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



151.8010, 45.2560, -16.2160



187.9930, 70.6580, -25.0380



166.3660, 23.7110, -38.7610



89.2130, 3.7140, -1.2300



108.8660, 63.8260, -22.3660



19.5250, 11.4630, -4.0010

Inverse Universe

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



107.1990, -45.2560, 16.2160



119.0070, -70.6580, 25.0380



92.6340, -23.7110, 38.7610



85.7870, -3.7140, 1.2300



46.5470, -63.5510, 22.8890



8.4750, -11.4630, 4.0010

Previews

White Background



This preview shows how the YIQ color 151.8010, 45.2560, -16.2160 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 151.8010, 45.2560, -16.2160 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 151.8010, 45.2560, -16.2160

Background



This preview shows how black text looks on a background with the YIQ color 151.8010, 45.2560, -16.2160.



This preview shows how white text looks on a background with the YIQ color 151.8010, 45.2560, -16.2160.

-16.2160.

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

151.8010, 45.2560, -16.2160

Protanopia

150.7780, 34.8950, -21.1770

Deuteranopia

151.9480, 49.3360, -13.0640



Tritanopia

157.2040, 26.2690, 14.0210

Trichromacy



Original Color

151.8010, 45.2560, -16.2160

Protanomaly

150.9850, 38.7460, -19.3820

Deuteranomaly

151.9370, 47.8690, -14.0110

Tritanomaly

155.1750, 33.2400, 3.3200

Monochromacy



Original Color

151.8010, 45.2560, -16.2160

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.8090, 16.4150, -5.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8010, 45.2560, -16.2160 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(185, 150, 74)` looks like.

```
.text, #text, p{  
    color:rgb(185, 150, 74)  
}
```

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(185, 150, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 150, 74) }
```

Border

The CSS property to change the border of an element to YIQ 151.8010, 45.2560, -16.2160 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(185, 150, 74) }
```


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

```
.border{ border-color:rgb(185, 150, 74) }
```

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

Here you see how a box with a 4 pixel rgb(185, 150, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 150, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 150, 74);  
box-shadow:4px 4px 4px 4px rgb(185, 150,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8010, 45.2560, -16.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 150, 74) }
```

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

```
.background{ background-color: rgb(185,  
150, 74) }
```

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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