

Converting Colors

YIQ(156.0310, 33.1050,
-10.7590)

Have a look what the booklet for
YIQ(156.0310, 33.1050, -10.7590)
contains.

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Color

**YIQ(156.0310, 33.1050,
-10.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	B59A65
RGB	181, 154, 101
RGB Percent	71%, 60%, 40%
CMY	0.2902, 0.3961, 0.6037
CMYK	0.00, 0.15, 0.44, 0.29
HSL	40°, 35%, 55%
HSV	40°, 44%, 71%
XYZ	32.9627, 33.8726, 17.1240
YIQ	156.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

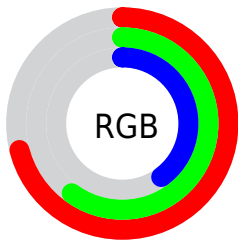
Format	Color
RYB	142, 181, 101
Decimal	11901541
CIELab	64.86, 2.75, 31.46
CIELCh	65, 31.580, 85.006
Yxy	33.8726, 0.3926, 0.4034
Android (android.graphics.Color)	4290091621 (0xFFB59A65)
YUV	156.0310, -27.1303, 21.8978
Hunter-Lab	58.2002, -0.7534, 23.2955

Details

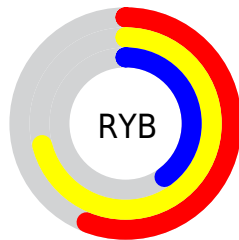
The YIQ color **156.0310, 33.1050, -10.7590** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **125.9690, -33.1050, 10.7590**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.7000, 35.5350, -10.7450**, and **104.1770, 29.7580, -10.6740** is the 20% darker color. If you saturate the color by 10%, you get **150.4570, 40.5330, -13.2190**, and if you desaturate by 10%, it is **161.6050, 25.6770, -8.2990**.

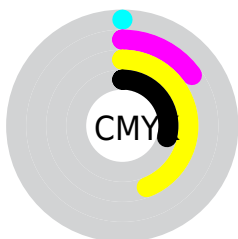
Distribution



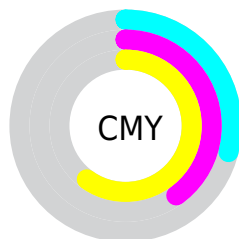
- Red (71%)
- Green (60%)
- Blue (40%)



- Red (56%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (29%)



- Cyan (29%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.0310, 33.1050, -10.7590 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 156.0310, 33.1050, -10.7590 by changing the saturation by 10% instead.

■ 156.0310, 33.1050,
-10.7590

■ 156.0310, 33.1050,
-10.7590

255.0000, -0.0000,
-0.0000

■ 129.6610, 31.2710,
-10.5610

■ 210.7000, 35.5350,
-10.7450

■ 104.1770, 29.7580,
-10.6740

■ 235.2970, 29.3000,
-13.3880

■ 79.6930, 28.2450,
-10.7870

■ 249.5280, 15.4080,
-14.9280

■ 55.9810, 27.3740,
-11.5220

■ 252.8340, 6.0990,
-5.9090

■ 35.7940, 20.7710,
-7.4930

■ 15.9920, 11.6460,
-1.8100

■ 0.0000, 0.0000,

0.0000

■ 156.0310, 33.1050,
-10.7590

■ 156.0310, 33.1050,
-10.7590

■ 150.4570, 40.5330,
-13.2190

■ 161.6050, 25.6770,
-8.2990

■ 144.8830, 47.9610,
-15.6790

■ 167.1790, 18.2490,
-5.8390

■ 139.3090, 55.3890,
-18.1390

■ 172.7530, 10.8210,
-3.3790

■ 133.7350, 62.8170,
-20.5990

■ 178.3270, 3.3930,
-0.9190

■ 127.5740, 70.5200,
-22.5360

■ 184.6020, -4.6310,
1.3290

■ 124.5590, 74.8760,
-24.3880

■ 190.1760,
-12.0590, 3.7890

■ 195.7500,
-19.4870, 6.2490

■ 201.3240,
-26.9150, 8.7090

■ 205.8720,
-31.4540, 8.3700

Harmonies

Analogous

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



157.9930, 45.4360, 2.5560



156.0310, 33.1050, -10.7590



153.0990, 12.0620, -20.3700

Triad

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



156.0310, 33.1050, -10.7590



139.1250, -69.9160, -21.4680



161.5250, 12.6040, 24.8920

Complementary

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



156.0310, 33.1050, -10.7590



125.9690, -33.1050, 10.7590

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.



158.9820, -16.7840, 17.8400



156.0310, 33.1050, -10.7590



143.2750, -69.9180, -10.4140

Square

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



156.0310, 33.1050, -10.7590



143.5930, -45.1110, -24.9750



152.5650, -46.7670, 5.0490



160.9050, 34.8410, 23.8730

Rectangle

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



156.0310, 33.1050, -10.7590



150.5360, -5.4060, -23.1820



152.5650, -46.7670, 5.0490



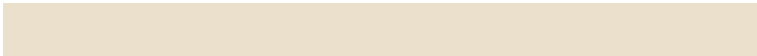
161.0940, 3.5720, 23.3800

Sweetspot

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



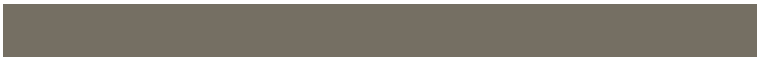
156.0310, 33.1050, -10.7590



225.0090, 12.9760, -3.8880



128.1120, 38.6920, 25.6680



111.4260, 7.4280, -2.4600



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



156.0310, 33.1050, -10.7590



196.0960, 51.6750, -16.9090



168.2920, 18.5280, -27.4240



86.2130, 3.7140, -1.2300



105.0340, 63.4130, -20.3870



17.7530, 10.8210, -3.3790

Inverse Universe

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



125.9690, -33.1050, 10.7590



148.9040, -51.6750, 16.9090



113.7080, -18.5280, 27.4240



82.7870, -3.7140, 1.2300



47.9660, -63.4130, 20.3870



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 156.0310, 33.1050, -10.7590 looks on a white background.

Color Contrast Check

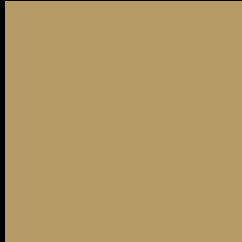
Large Text (above 18pt) WCAG AA × Fail

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 156.0310, 33.1050, -10.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

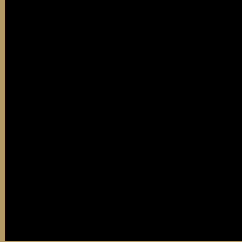
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.0310, 33.1050, -10.7590

Background



This preview shows how black text looks on a background with the YIQ color 156.0310, 33.1050, -10.7590.



This preview shows how white text looks on a background with the YIQ color 156.0310, 33.1050, -10.7590.

-10.7590.

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

156.0310, 33.1050, -10.7590

Protanopia

154.9160, 25.9990, -14.1370

Deuteranopia

157.0750, 38.9730, -6.9710



Tritanopia

160.2140, 20.3090, 11.9010

Trichromacy



Original Color

156.0310, 33.1050, -10.7590

Protanomaly

155.5250, 28.6580, -12.7660

Deuteranomaly

156.7650, 36.9100, -8.1300

Tritanomaly

158.9830, 25.0330, 3.3770

Monochromacy



Original Color

156.0310, 33.1050, -10.7590

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8240, 12.0590, -3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0310, 33.1050, -10.7590 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(181, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 101)  
}
```

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(181, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 101) }
```

Border

The CSS property to change the border of an element to YIQ 156.0310, 33.1050, -10.7590 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(181, 154, 101) }
```


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

```
.border{ border-color:rgb(181, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0310, 33.1050, -10.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 101) }
```

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

```
.background{ background-color: rgb(181,  
154, 101) }
```

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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