

Converting Colors

YIQ(156.0290, 18.2510,
-16.8930)

Have a look what the booklet for
YIQ(156.0290, 18.2510, -16.8930)
contains.

YIQ(156.0290, 18.2510, -16.8930)	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(156.0290, 18.2510,
-16.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A26B
RGB	163, 162, 107
RGB Percent	64%, 64%, 42%
CMY	0.3608, 0.3647, 0.5803
CMYK	0.00, 0.01, 0.34, 0.36
HSL	59°, 23%, 53%
HSV	59°, 34%, 64%
XYZ	30.6782, 34.6883, 18.9966
YIQ	156.0290, 18.2510, -16.8930

Conversions

Conversions Part 2

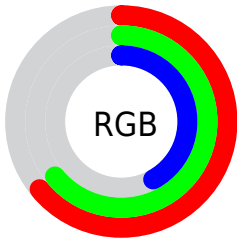
Format	Color
RYB	108, 163, 107
Decimal	10723947
CIELab	65.51, -8.34, 28.77
CIELCh	66, 29.954, 106.160
Yxy	34.6883, 0.3636, 0.4112
Android (android.graphics.Color)	4288914027 (0xFFA3A26B)
YUV	156.0290, -24.1713, 6.1136
Hunter-Lab	58.8968, -10.0921, 22.1043

Details

The YIQ color **156.0290, 18.2510, -16.8930** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113.9710, -18.2510, 16.8930**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.9860, 19.8100, -17.6140**, and **104.7730, 16.0960, -16.3840** is the 20% darker color. If you saturate the color by 10%, you get **154.2050, 23.3870, -21.8690**, and if you desaturate by 10%, it is **157.8530, 13.1150, -11.9170**.

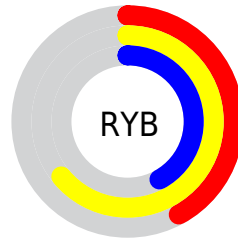
Distribution



Red (64%)

Green (64%)

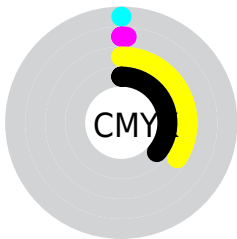
Blue (42%)



Red (42%)

Yellow (64%)

Blue (42%)

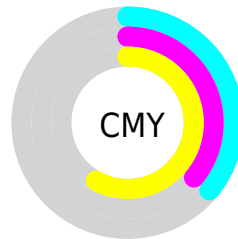


Cyan (0%)

Magenta (1%)

Yellow (34%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.0290, 18.2510, -16.8930 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 156.0290, 18.2510, -16.8930 by changing the saturation by 10% instead.

■ 156.0290, 18.2510,
-16.8930

■ 156.0290, 18.2510,
-16.8930

■ 255.0000, -0.0000,
-0.0000

■ 129.8440, 17.3340,
-16.7940

■ 210.9860, 19.8100,
-17.6140

■ 104.7730, 16.0960,
-16.3840

■ 238.8720, 20.1310,
-17.9250

■ 80.0010, 15.4540,
-15.7620

■ 250.3260, 13.1610,
-12.7510

■ 56.7020, 14.8580,
-15.9740

■ 253.6320, 3.8520,
-3.7320

■ 35.7280, 11.9690,
-13.1750

■ 15.6050, -0.6860,
-9.5980

■ 0.0000, 0.0000,

0.0000

■ 156.0290, 18.2510,
-16.8930

■ 156.0290, 18.2510,
-16.8930

■ 154.2050, 23.3870,
-21.8690

■ 157.8530, 13.1150,
-11.9170

■ 151.6800, 29.1190,
-26.6330

■ 160.3780, 7.3830,
-7.1530

■ 149.8560, 34.2550,
-31.6090

■ 162.2020, 2.2470,
-2.1770

■ 148.0320, 39.3910,
-36.5850

■ 164.0260, -2.8890,
2.7990

■ 146.2080, 44.5270,
-41.5610

■ 165.9640, -8.3460,
8.0860

■ 143.6830, 50.2590,
-46.3250

■ 168.3750,
-13.7570, 12.5390

■ 142.6570, 53.1480,
-49.1240

■ 170.1990,
-18.8930, 17.5150

■ 172.0230,
-24.0290, 22.4910

■ 174.5480,
-29.7610, 27.2550

Harmonies

Analogous

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



158.5200, 36.2220, -6.6740



156.0290, 18.2510, -16.8930



152.7640, -6.0480, -22.5600

Triad

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



156.0290, 18.2510, -16.8930



144.9610, -66.1580, -12.4780



162.8980, 27.5510, 23.8310

Complementary

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



156.0290, 18.2510, -16.8930



113.9710, -18.2510, 16.8930

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.



162.7520, 4.5350, 22.4470



156.0290, 18.2510, -16.8930



152.3040, -50.5260, 1.5860

Square

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



156.0290, 18.2510, -16.8930



144.2850, -58.6830, -21.2990



159.4540, -24.1650, 13.9390



161.8100, 42.1780, 17.5540

Rectangle

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



156.0290, 18.2510, -16.8930



150.0700, -24.5250, -23.6050



159.4540, -24.1650, 13.9390



163.1900, 20.8570, 24.0010

Sweetspot

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



156.0290, 18.2510, -16.8930



208.9050, 7.3370, -6.3190



123.9720, 32.7340, 12.4940



105.5180, 4.1730, -4.0430



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



156.0290, 18.2510, -16.8930



200.9080, 28.4770, -26.0110



148.8420, 2.4800, -22.9280



80.3870, 3.1640, -2.2760



127.2960, 47.0950, -44.0490



15.9480, 5.7780, -5.5980

Inverse Universe

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



113.9710, -18.2510, 16.8930



135.5050, -28.2020, 26.5340



121.1580, -2.4800, 22.9280



74.6130, -3.1640, 2.2760



18.2910, -47.3700, 43.5260



2.0520, -5.7780, 5.5980

Previews

White Background



This preview shows how the YIQ color 156.0290, 18.2510, -16.8930 looks on a white background.

Color Contrast Check

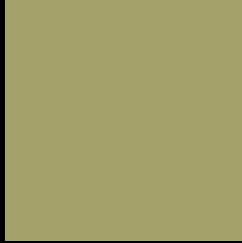
Large Text (above 18pt) WCAG AA × Fail

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 156.0290, 18.2510, -16.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

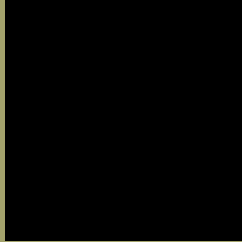
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

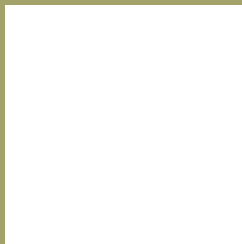
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 156.0290, 18.2510, -16.8930

Background



This preview shows how black text looks on a background with the YIQ color 156.0290, 18.2510, -16.8930.



This preview shows how white text looks on a background with the YIQ color 156.0290, 18.2510,

-16.8930.

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

156.0290, 18.2510, -16.8930

Protanopia

156.8450, 24.7610, -13.7270

Deuteranopia

158.4600, 36.4510, -5.3170



Tritanopia

160.8530, 5.0880, 6.9120

Trichromacy



Original Color

156.0290, 18.2510, -16.8930

Protanomaly

156.5350, 22.6980, -14.8860

Deuteranomaly

157.7040, 29.7120, -9.8400

Tritanomaly

159.2090, 9.5370, -2.1350

Monochromacy



Original Color

156.0290, 18.2510, -16.8930

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.0190, 7.0160, -6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.0290, 18.2510, -16.8930 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(163, 162, 107)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 107)  
}
```

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(163, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 107) }
```

Border

The CSS property to change the border of an element to YIQ 156.0290, 18.2510, -16.8930 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(163, 162, 107) }
```


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

```
.border{ border-color:rgb(163, 162, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 162, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 162, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 162, 107);  
box-shadow:4px 4px 4px 4px rgb(163, 162,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 156.0290, 18.2510, -16.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 107) }
```

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

```
.background{ background-color: rgb(163,  
162, 107) }
```

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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