

Converting Colors

YIQ(56.9190, -31.9500,
-37.7260)

Have a look what the booklet for
YIQ(56.9190, -31.9500, -37.7260)
contains.

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Color

**YIQ(56.9190, -31.9500,
-37.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	035A1C
RGB	3, 90, 28
RGB Percent	1%, 35%, 11%
CMY	0.9885, 0.6469, 0.8903
CMYK	0.97, 0.00, 0.69, 0.65
HSL	137°, 94%, 18%
HSV	137°, 97%, 35%
XYZ	3.9054, 7.4212, 2.3239
YIQ	56.9190, -31.9500, -37.7260

Conversions

Conversions Part 2

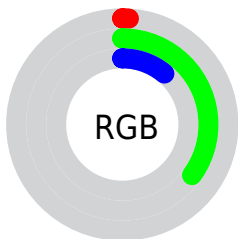
Format	Color
R_YB	3, 71, 90
Decimal	219676
CIE Lab	32.75, -37.58, 28.57
CIE LCh	33, 47.208, 142.758
Yxy	7.4212, 0.2861, 0.5437
Android (android.graphics.Color)	4278409756 (0xFF035A1C)
YUV	56.9190, -14.2571, -47.2870
Hunter-Lab	27.2418, -22.0836, 14.0114

Details

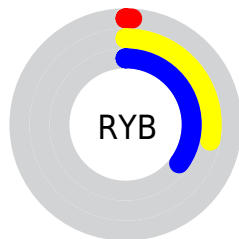
The YIQ color **56.9190, -31.9500, -37.7260** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **36.0810, 31.9500, 37.7260**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6490, -22.3220, -36.0020**, and **25.2410, -11.8250, -22.4890** is the 20% darker color. If you saturate the color by 10%, you get **55.7940, -33.0960, -38.9840**, and if you desaturate by 10%, it is **60.2940, -28.5120, -33.9520**.

Distribution



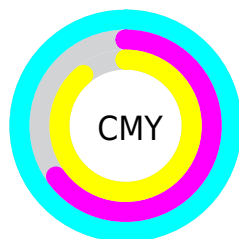
- Red (1%)
- Green (35%)
- Blue (11%)



- Red (1%)
- Yellow (28%)
- Blue (35%)



- Cyan (97%)
- Magenta (0%)
- Yellow (69%)
- Black (65%)



- Cyan (99%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9190, -31.9500, -37.7260 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 56.9190, -31.9500, -37.7260 by changing the saturation by 10% instead.

■ 56.9190, -31.9500,
-37.7260

■ 56.9190, -31.9500,
-37.7260

■ 255.0000, -0.0000,
-0.0000

■ 39.1980, -19.4340,
-33.2740

■ 111.6490,
-22.3220, -36.0020

■ 25.2410, -11.8250,
-22.4890

■ 138.0080,
-21.9550, -37.1470

■ 9.9790, -4.6750,
-8.8910

■ 164.7800,
-21.3130, -37.7690

■ 0.0000, 0.0000,
0.0000


■ 193.2530,
-21.2670, -38.6030


■ 220.8400,
-21.5420, -39.1260


■ 234.3500,


-13.7500, -26.1500


 246.3270, -5.7750,
-10.9830


 56.9190, -31.9500,
-37.7260


 56.9190, -31.9500,
-37.7260


 55.7940, -33.0960,
-38.9840

 60.2940, -28.5120,
-33.9520

 63.7830, -25.3950,
-29.8670

 67.1580, -21.9570,
-26.0930

 70.6470, -18.8400,
-22.0080

 74.0220, -15.4020,
-18.2340

■ 77.3970, -11.9640,
-14.4600

■ 80.8860, -8.8470,
-10.3750

■ 84.2610, -5.4090,
-6.6010

■ 87.7500, -2.2920,
-2.5160

Harmonies

Analogous

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



68.7540, 17.1070, -29.2050



56.9190, -31.9500, -37.7260



62.1150, -46.7610, -28.1130

Triad

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



56.9190, -31.9500, -37.7260



66.5220, -71.5710, 3.0290



71.1650, 57.5360, 25.5680

Complementary

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



56.9190, -31.9500, -37.7260



36.0810, 31.9500, 37.7260

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.



73.0130, 43.8250, 37.2730



56.9190, -31.9500, -37.7260



74.7660, -33.6110, 19.9330

Square

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



56.9190, -31.9500, -37.7260



68.9210, -68.6810, -5.2970



78.6210, 12.6940, 34.2780



72.9680, 55.7520, 2.8240

Rectangle

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



56.9190, -31.9500, -37.7260



65.6660, -55.3820, -20.5500



78.6210, 12.6940, 34.2780



71.0710, 55.1050, 31.0810

Sweetspot

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



56.9190, -31.9500, -37.7260



104.0980, -12.5600, -14.6720



72.6070, 13.0270, -32.3570



51.0110, -7.7010, -9.1170



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



56.9190, -31.9500, -37.7260



72.5550, -43.0890, -50.6170



61.8210, -45.7530, -24.3530



44.1630, -2.0170, -1.9930



68.2180, -40.5220, -47.5780



146.8710, -87.0030, -102.8030

Inverse Universe

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



36.0810, 31.9500, 37.7260



44.5590, 42.7680, 50.9280



31.1790, 45.7530, 24.3530



42.9510, 1.6960, 2.3040



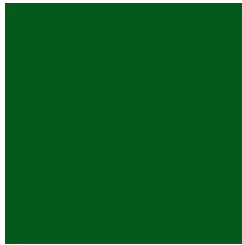
41.7820, 40.5220, 47.5780



90.1290, 87.0030, 102.8030

Previews

White Background



This preview shows how the YIQ color 56.9190, -31.9500, -37.7260 looks on a white background.

Color Contrast Check

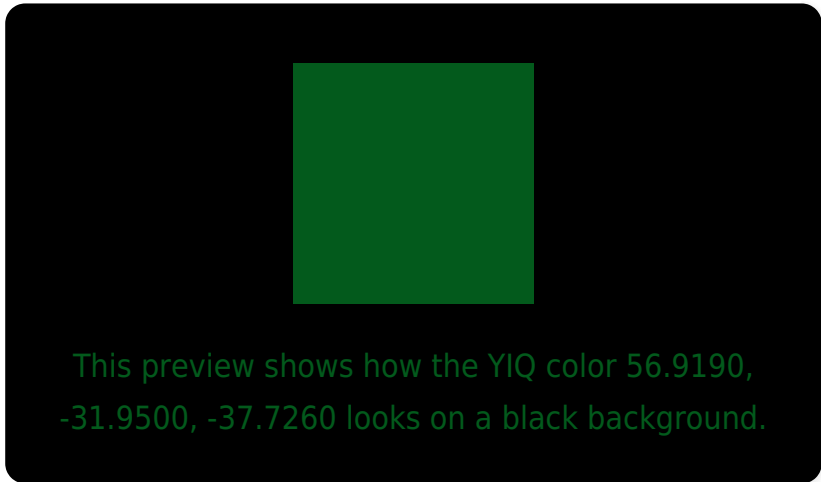
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 56.9190, -31.9500, -37.7260

Background



This preview shows how black text looks on a background with the YIQ color 56.9190, -31.9500, -37.7260.



This preview shows how white text looks on a background with the YIQ color 56.9190, -31.9500,

-37.7260.

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

56.9190, -31.9500, -37.7260

Protanopia

73.7630, 22.0560, -14.2640

Deuteranopia

75.4310, 26.2270, -7.2530



Tritanopia

70.7450, -30.2590, -7.7870

Trichromacy



Original Color

56.9190, -31.9500, -37.7260

Protanomaly

67.8420, 2.4800, -22.9280

Deuteranomaly

68.5590, 4.9550, -18.2210

Tritanomaly

65.7090, -30.5780, -18.5300

Monochromacy



Original Color

56.9190, -31.9500, -37.7260

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8100, -11.6890, -13.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9190, -31.9500, -37.7260 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(3, 90, 28)` looks like.

```
.text, #text, p{  
    color:rgb(3, 90, 28)  
}
```

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(3, 90, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 90, 28) }
```

Border

The CSS property to change the border of an element to YIQ 56.9190, -31.9500, -37.7260 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(3, 90, 28) }
```


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

```
.border{ border-color:rgb(3, 90, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 90, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 90, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 90, 28); box-shadow:4px  
4px 4px 4px rgb(3, 90, 28) }
```

Background

The CSS property to change the background color of an element to YIQ 56.9190, -31.9500, -37.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 90, 28) }
```

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

```
.background{ background-color: rgb(3, 90,  
28) }
```

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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