

Converting Colors

YIQ(55.6310, -3.5750, -6.7990)

Have a look what the booklet for
YIQ(55.6310, -3.5750, -6.7990)
contains.

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Color

**YIQ(55.6310, -3.5750,
-6.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	303D30
RGB	48, 61, 48
RGB Percent	19%, 24%, 19%
CMY	0.8118, 0.7608, 0.8118
CMYK	0.21, 0.00, 0.21, 0.76
HSL	120°, 12%, 21%
HSV	120°, 21%, 24%
XYZ	3.4210, 4.1796, 3.4226
YIQ	55.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

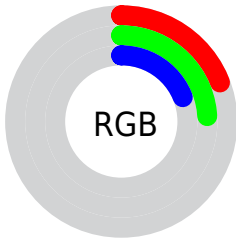
Format	Color
RYB	48, 61, 61
Decimal	3161392
CIELab	24.26, -8.43, 6.29
CIElCh	24, 10.521, 143.294
Yxy	4.1796, 0.3103, 0.3792
Android (android.graphics.Color)	4281351472 (0xFF303D30)
YUV	55.6310, -3.7621, -6.6924
Hunter-Lab	20.4441, -5.9081, 4.3848

Details

The YIQ color **55.6310, -3.5750, -6.7990** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.3690, 3.5750, 6.7990**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2180, -3.8500, -7.3220**, and **11.4520, -4.6290, -9.7250** is the 20% darker color. If you saturate the color by 10%, you get **53.1530, -5.2250, -9.9370**, and if you desaturate by 10%, it is **58.1090, -1.9250, -3.6610**.

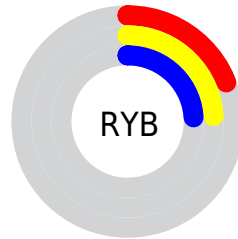
Distribution



Red (19%)

Green (24%)

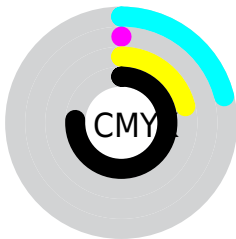
Blue (19%)



Red (19%)

Yellow (24%)

Blue (24%)

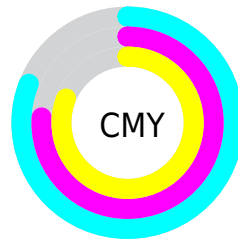


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6310, -3.5750, -6.7990 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 55.6310, -3.5750, -6.7990 by changing the saturation by 10% instead.

■ 55.6310, -3.5750,
-6.7990

■ 55.6310, -3.5750,
-6.7990

■ 255.0000, -0.0000,
-0.0000

■ 34.0440, -3.3000,
-6.2760

■ 102.2180, -3.8500,
-7.3220

■ 11.4520, -4.6290,
-9.7250

■ 127.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 153.6910, -3.8040,
-8.1560

■ 180.3920, -4.4000,
-8.3680

■ 208.2780, -4.0790,
-8.6790

■ 236.2780, -4.0790,

-8.6790

■ 55.6310, -3.5750,
-6.7990

■ 55.6310, -3.5750,
-6.7990

■ 53.1530, -5.2250,
-9.9370

■ 58.1090, -1.9250,
-3.6610

■ 50.6750, -6.8750,
-13.0750

■ 60.5870, -0.2750,
-0.5230

■ 48.1970, -8.5250,
-16.2130

■ 63.0650, 1.3750,
2.6150

■ 45.7190, -10.1750,
-19.3510

■ 65.5430, 3.0250,
5.7530

■ 42.9420, -12.4210,
-22.7010

■ 68.0210, 4.6750,
8.8910

■ 40.3500, -13.7500,
-26.1500

■ 70.9120, 6.6000,
12.5520

■ 37.8720, -15.4000,
-29.2880

■ 73.3900, 8.2500,
15.6900

■ 35.8070, -16.7750,
-31.9030

■ 75.8680, 9.9000,
18.8280

■ 78.3460, 11.5500,
21.9660

Harmonies

Analogous

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



56.5780, 3.9440, -5.4000



55.6310, -3.5750, -6.7990



54.7380, -11.1860, -6.5300

Triad

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



55.6310, -3.5750, -6.7990



56.7090, -12.2420, 1.5980



58.5780, 13.1120, 4.6640

Complementary

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



55.6310, -3.5750, -6.7990



53.3690, 3.5750, 6.7990

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.



58.8920, 9.3520, 6.7280



55.6310, -3.5750, -6.7990



58.1230, -4.5400, 5.1880

Square

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



55.6310, -3.5750, -6.7990



55.1490, -16.5970, -2.0770



59.0700, 2.9790, 6.5870



58.0570, 13.0210, 0.8050

Rectangle

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



55.6310, -3.5750, -6.7990



54.1120, -15.1750, -5.8230



59.0700, 2.9790, 6.5870



58.8060, 12.4700, 5.2860

Sweetspot

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



55.6310, -3.5750, -6.7990



76.9350, -1.3750, -2.6150



59.5180, 4.1730, -4.0430



39.7610, -0.8250, -1.5690



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



55.6310, -3.5750, -6.7990



70.4410, -6.0960, -10.6720



56.3150, -5.5010, -4.9330



29.7610, -0.8250, -1.5690



55.1780, -25.8500, -49.1620



130.3140, -61.0500, -116.1060

Inverse Universe

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



53.3690, 3.5750, 6.7990



66.6730, 5.7750, 10.9830



52.5710, 5.8220, 4.6220



29.2390, 0.8250, 1.5690



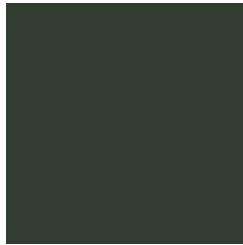
38.8220, 25.8500, 49.1620



91.6860, 61.0500, 116.1060

Previews

White Background



This preview shows how the YIQ color 55.6310, -3.5750, -6.7990 looks on a white background.

Color Contrast Check

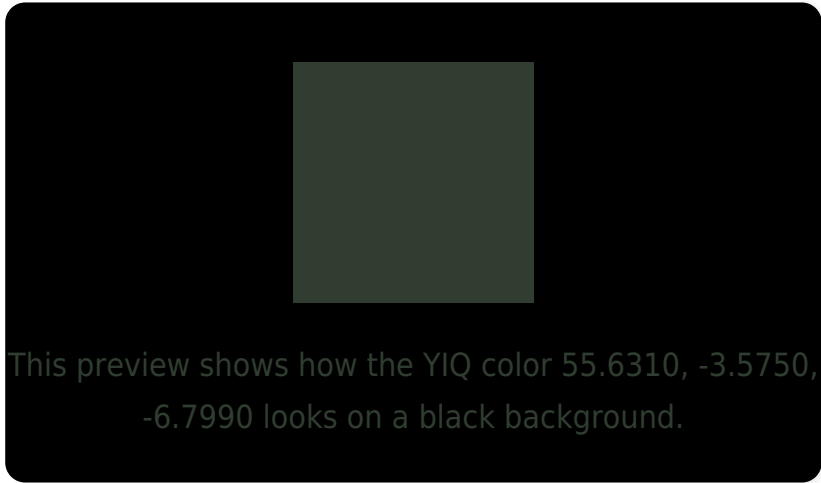
Large Text (above 18pt) WCAG AA ✓ Pass

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

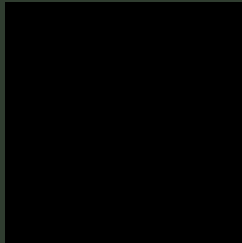
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6310, -3.5750, -6.7990

Background



This preview shows how black text looks on a background with the YIQ color 55.6310, -3.5750, -6.7990.



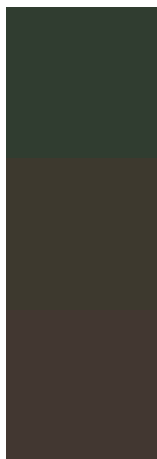
This preview shows how white text looks on a background with the YIQ color 55.6310, -3.5750, -6.7990.

-6.7990.

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

55.6310, -3.5750, -6.7990

Protanopia

56.9420, 5.9150, -2.5730

Deuteranopia

57.6050, 8.4820, 0.4660



Tritanopia

57.1780, -6.3730, -0.1410

Trichromacy



Original Color

55.6310, -3.5750, -6.7990

Protanomaly

56.1480, 2.3390, -3.8450

Deuteranomaly

56.6860, 3.7600, -2.0640

Tritanomaly

56.7820, -5.3180, -2.7420

Monochromacy



Original Color

55.6310, -3.5750, -6.7990

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.9350, -1.3750, -2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6310, -3.5750, -6.7990 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(48, 61, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 61, 48)  
}
```

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(48, 61, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 61, 48) }
```

Border

The CSS property to change the border of an element to YIQ 55.6310, -3.5750, -6.7990 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(48, 61, 48) }
```


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

```
.border{ border-color:rgb(48, 61, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 61, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 61, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 61, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 61, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.6310, -3.5750, -6.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 61, 48) }
```

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

```
.background{ background-color: rgb(48, 61,  
48) }
```

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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