

Converting Colors

YIQ(65.9690, -7.8830, -16.8350)

Have a look what the booklet for
YIQ(65.9690, -7.8830, -16.8350)
contains.

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Color

**YIQ(65.9690, -7.8830,
-16.8350)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 304F2E |
| RGB | 48, 79, 46 |
| RGB Percent | 19%, 31%, 18% |
| CMY | 0.8119, 0.6901, 0.8196 |
| CMYK | 0.39, 0.00, 0.42, 0.69 |
| HSL | 116°, 26%, 25% |
| HSV | 116°, 42%, 31% |
| XYZ | 4.5078, 6.4189, 3.5860 |
| YIQ | 65.9690, -7.8830, -16.8350 |

Conversions

Conversions Part 2

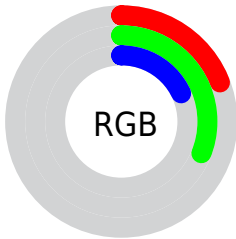
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 46, 79, 77 |
| Decimal | 3165998 |
| CIELab | 30.45, -19.21, 15.97 |
| CIElCh | 30, 24.982, 140.261 |
| Yxy | 6.4189, 0.3106, 0.4423 |
| Android (android.graphics.Color) | 4281356078 (0xFF304F2E) |
| YUV | 65.9690, -9.8447, -15.7588 |
| Hunter-Lab | 25.3355, -12.5775, 9.3429 |

Details

The YIQ color **65.9690, -7.8830, -16.8350** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.0310, 7.8830, 16.8350**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.3280, -7.5160, -17.9800**, and **21.4530, -6.3700, -16.7220** is the 20% darker color. If you saturate the color by 10%, you get **62.9640, -9.4870, -20.8070**, and if you desaturate by 10%, it is **68.9740, -6.2790, -12.8630**.

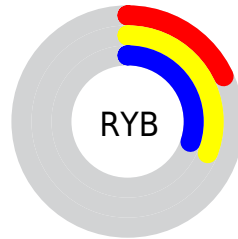
Distribution



 Red (19%)

 Green (31%)

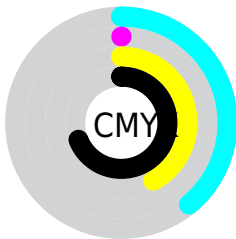
 Blue (18%)




 Red (18%)

 Yellow (31%)

 Blue (30%)

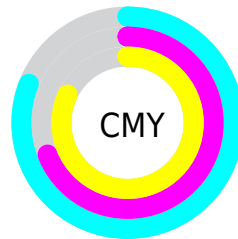


 Cyan (39%)

 Magenta (0%)

 Yellow (42%)

 Black (69%)



 Cyan (81%)

 Magenta (69%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.9690, -7.8830, -16.8350 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 65.9690, -7.8830, -16.8350 by changing the saturation by 10% instead.

■ 65.9690, -7.8830,
-16.8350

■ 65.9690, -7.8830,
-16.8350

■ 255.0000, -0.0000,
-0.0000

■ 43.1970, -8.5250,
-16.2130

■ 114.3280, -7.5160,
-17.9800

■ 21.4530, -6.3700,
-16.7220

■ 140.5020, -8.0660,
-19.0260

■ 1.7610, -0.8250,
-1.5690

■ 166.5020, -8.0660,
-19.0260

■ 0.0000, 0.0000,
0.0000

■ 193.9750, -8.0200,
-19.8600

■ 221.5620, -8.2950,
-20.3830

■ 244.1050, -5.2700,

-14.6300

254.7720, 0.6420,
-0.6220

■ 65.9690, -7.8830,
-16.8350

■ 65.9690, -7.8830,
-16.8350

■ 62.9640, -9.4870,
-20.8070

■ 68.9740, -6.2790,
-12.8630

■ 59.6600, -11.6870,
-24.9910

■ 72.2780, -4.0790,
-8.6790

■ 56.6550, -13.2910,
-28.9630

■ 75.2830, -2.4750,
-4.7070

■ 53.3510, -15.4910,
-33.1470

■ 78.5870, -0.2750,
-0.5230

■ 50.3460, -17.0950,
-37.1190

■ 81.5920, 1.3290,
3.4490

■ 47.8680, -18.7450,
-40.2570

■ 84.7820, 3.8500,
7.3220

■ 87.7870, 5.4540,
11.2940

■ 90.7920, 7.0580,
15.2660

■ 94.0960, 9.2580,
19.4500

Harmonies

Analogous

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



69.1300, 10.7770, -13.5990



65.9690, -7.8830, -16.8350



59.6270, -33.2830, -19.0670

Triad

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



65.9690, -7.8830, -16.8350



64.3280, -41.9060, -0.4500



72.1890, 30.6250, 12.1690

Complementary

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



65.9690, -7.8830, -16.8350



59.0310, 7.8830, 16.8350

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.



73.2730, 21.8210, 17.5410



65.9690, -7.8830, -16.8350



71.9510, -15.4990, 11.0690

Square

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



65.9690, -7.8830, -16.8350



58.4740, -54.4210, -10.4290



74.3620, 5.4530, 16.8210



71.3920, 31.1310, 2.9950

Rectangle

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



65.9690, -7.8830, -16.8350



57.0260, -47.5880, -18.6280



74.3620, 5.4530, 16.8210



72.9870, 28.3780, 14.3460

Sweetspot

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



65.9690, -7.8830, -16.8350



96.9300, -2.9790, -6.5870



74.0640, 11.1430, -9.2170



47.6960, -2.2000, -4.1840



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



65.9690, -7.8830, -16.8350



81.8340, -12.2370, -26.0370



66.9670, -13.5690, -12.9050



36.6470, -0.5040, -1.8800



61.6680, -24.4740, -52.0740



139.1960, -54.9060, -117.3220

Inverse Universe

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



59.0310, 7.8830, 16.8350



71.1660, 12.2370, 26.0370



58.0330, 13.5690, 12.9050



35.6520, 1.1000, 2.0920



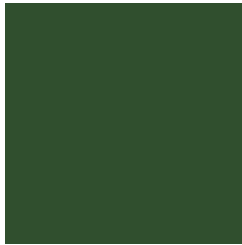
40.3320, 24.4740, 52.0740



90.8040, 54.9060, 117.3220

Previews

White Background



This preview shows how the YIQ color 65.9690, -7.8830, -16.8350 looks on a white background.

Color Contrast Check

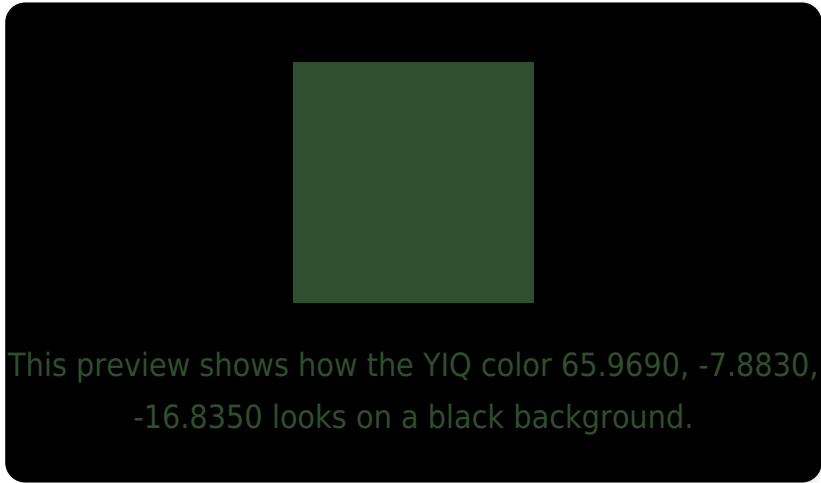
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.9690, -7.8830, -16.8350

Background



This preview shows how black text looks on a background with the YIQ color 65.9690, -7.8830, -16.8350.



This preview shows how white text looks on a background with the YIQ color 65.9690, -7.8830, -16.8350.

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

65.9690, -7.8830, -16.8350

Protanopia

69.9010, 13.1600, -7.2240

Deuteranopia

71.1020, 17.1480, -2.4040



Tritanopia

69.7040, -13.8460, -2.3740

Trichromacy



Original Color

65.9690, -7.8830, -16.8350

Protanomaly

68.4870, 5.4580, -10.8140

Deuteranomaly

69.1500, 8.0250, -7.7750

Tritanomaly

67.9120, -11.7360, -7.5760

Monochromacy



Original Color

65.9690, -7.8830, -16.8350

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0440, -3.3000, -6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.9690, -7.8830, -16.8350 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, 79, 46)` looks like.

```
.text, #text, p{  
    color:rgb(48, 79, 46)  
}
```

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, 79, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 79, 46) }
```

Border

The CSS property to change the border of an element to YIQ 65.9690, -7.8830, -16.8350 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, 79, 46) }
```


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

```
.border{ border-color:rgb(48, 79, 46) }
```

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

Here you see how a box with a 4 pixel rgb(48, 79, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 79, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 79, 46);  
box-shadow:4px 4px 4px 4px rgb(48, 79, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.9690, -7.8830, -16.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 79, 46) }
```

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

```
.background{ background-color: rgb(48, 79,  
46) }
```

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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