

Converting Colors

YIQ(69.7230, -6.8300, -8.3820)

Have a look what the booklet for
YIQ(69.7230, -6.8300, -8.3820)
contains.

YIQ(69.7230, -6.8300, -8.3820)	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(69.7230, -6.8300,
-8.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	3A4D3F
RGB	58, 77, 63
RGB Percent	23%, 30%, 25%
CMY	0.7726, 0.6980, 0.7530
CMYK	0.25, 0.00, 0.18, 0.70
HSL	136°, 14%, 26%
HSV	136°, 25%, 30%
XYZ	5.2956, 6.5668, 5.6904
YIQ	69.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

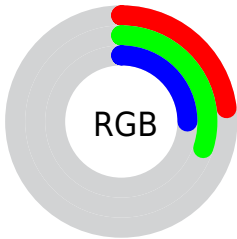
Format	Color
RYB	58, 73, 77
Decimal	3820863
CIELab	30.80, -10.75, 5.91
CIELCh	31, 12.273, 151.192
Yxy	6.5668, 0.3017, 0.3741
Android (android.graphics.Color)	4282010943 (0xFF3A4D3F)
YUV	69.7230, -3.3144, -10.2811
Hunter-Lab	25.6258, -7.9577, 4.7722

Details

The YIQ color **69.7230, -6.8300, -8.3820** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.2770, 6.8300, 8.3820**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3100, -7.1050, -8.9050**, and **26.2500, -6.8760, -7.5480** is the 20% darker color. If you saturate the color by 10%, you get **66.6470, -9.6720, -11.9440**, and if you desaturate by 10%, it is **72.7990, -3.9880, -4.8200**.

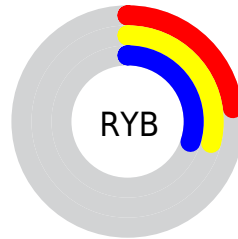
Distribution



 Red (23%)

 Green (30%)

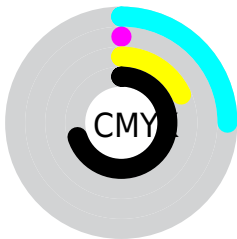
 Blue (25%)



 Red (23%)

 Yellow (29%)

 Blue (30%)

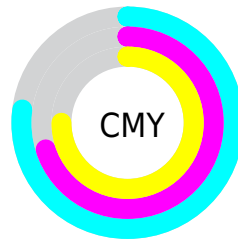


 Cyan (25%)

 Magenta (0%)

 Yellow (18%)

 Black (70%)



 Cyan (77%)

 Magenta (70%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.7230, -6.8300, -8.3820 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 69.7230, -6.8300, -8.3820 by changing the saturation by 10% instead.

■ 69.7230, -6.8300,
-8.3820

■ 69.7230, -6.8300,
-8.3820

■ 255.0000, -0.0000,
-0.0000

■ 47.1360, -6.5550,
-7.8590

■ 118.0110, -7.7010,
-9.1170

■ 26.2500, -6.8760,
-7.5480

■ 143.8970, -7.3800,
-9.4280

■ 2.9350, -1.3750,
-2.6150

■ 170.4840, -7.6550,
-9.9510

■ 0.0000, 0.0000,
0.0000

■ 197.4840, -7.6550,
-9.9510

■ 225.4840, -7.6550,
-9.9510

■ 249.3750, -5.7300,

-6.2900

■ 69.7230, -6.8300,
-8.3820

■ 69.7230, -6.8300,
-8.3820

■ 66.6470, -9.6720,
-11.9440

■ 72.7990, -3.9880,
-4.8200

■ 63.9840, -12.2390,
-14.9830

■ 75.4620, -1.4210,
-1.7810

■ 60.9080, -15.0810,
-18.5450

■ 78.5380, 1.4210,
1.7810

■ 57.8320, -17.9230,
-22.1070

■ 81.6140, 4.2630,
5.3430

■ 54.8700, -21.0860,
-25.3580

■ 84.2770, 6.8300,
8.3820

■ 52.0930, -23.3320,
-28.7080

■ 87.3530, 9.6720,
11.9440

■ 49.0170, -26.1740,
-32.2700

■ 90.4290, 12.5140,
15.5060

■ 47.4790, -27.5950,
-34.0510

■ 93.3910, 15.6770,
18.7570

■ 96.1680, 17.9230,
22.1070

Harmonies

Analogous

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



71.0400, 2.5230, -7.1810



69.7230, -6.8300, -8.3820



68.7590, -15.6790, -7.7030

Triad

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



69.7230, -6.8300, -8.3820



71.7630, -12.3340, 3.2660



73.4320, 16.4590, 4.5790

Complementary

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



69.7230, -6.8300, -8.3820



65.2770, 6.8300, 8.3820

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.



74.1590, 12.9740, 7.1660



69.7230, -6.8300, -8.3820



73.6610, -3.1190, 6.9690

Square

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



69.7230, -6.8300, -8.3820



69.7080, -19.6690, -1.4690



74.0920, 5.9130, 8.4810



72.9000, 14.9010, -0.2270

Rectangle

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



69.7230, -6.8300, -8.3820



68.5460, -19.3930, -6.4730



74.0920, 5.9130, 8.4810



73.7740, 15.4960, 5.5120

Sweetspot

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



69.7230, -6.8300, -8.3820



96.3370, -2.5670, -3.0390



73.3390, 3.1190, -6.9690



49.4620, -1.4210, -1.7810



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.



69.7230, -6.8300, -8.3820



87.8210, -10.2220, -12.9900



70.7490, -9.7190, -5.5830



36.4620, -1.4210, -1.7810



62.9520, -36.7170, -44.9490



141.8500, -82.5100, -101.6300

Inverse Universe

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



65.2770, 6.8300, 8.3820



81.1790, 10.2220, 12.9900



64.2510, 9.7190, 5.5830



35.5380, 1.4210, 1.7810



39.0480, 36.7170, 44.9490



88.0360, 82.8310, 101.3190

Previews

White Background



This preview shows how the YIQ color 69.7230, -6.8300, -8.3820 looks on a white background.

Color Contrast Check

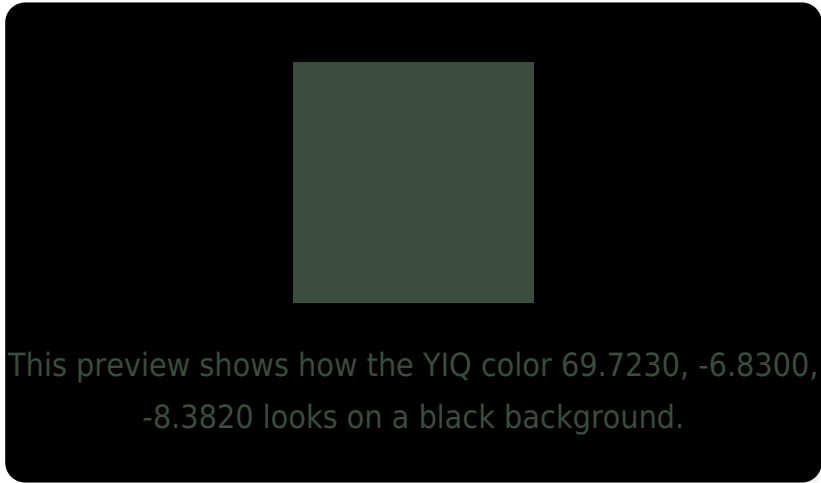
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.7230, -6.8300, -8.3820

Background



This preview shows how black text looks on a background with the YIQ color 69.7230, -6.8300, -8.3820.



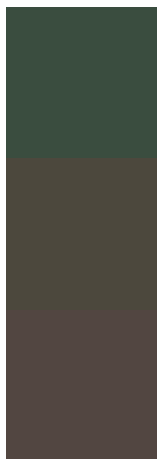
This preview shows how white text looks on a background with the YIQ color 69.7230, -6.8300, -8.3820.

-8.3820.

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

69.7230, -6.8300, -8.3820

Protanopia

71.9420, 5.9150, -2.5730

Deuteranopia

73.0180, 8.7570, 0.9890



Tritanopia

71.4980, -10.2700, -1.1020

Trichromacy



Original Color

69.7230, -6.8300, -8.3820

Protanomaly

71.1370, 0.8720, -4.7920

Deuteranomaly

71.9740, 2.8890, -2.7990

Tritanomaly

70.9880, -8.8940, -4.0140

Monochromacy



Original Color

69.7230, -6.8300, -8.3820

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.7230, -6.8300, -8.3820 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(58, 77, 63)` looks like.

```
.text, #text, p{  
    color:rgb(58, 77, 63)  
}
```

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(58, 77, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 77, 63) }
```

Border

The CSS property to change the border of an element to YIQ 69.7230, -6.8300, -8.3820 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(58, 77, 63) }
```


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

```
.border{ border-color:rgb(58, 77, 63) }
```

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

Here you see how a box with a 4 pixel rgb(58, 77, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 77, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 77, 63);  
box-shadow:4px 4px 4px 4px rgb(58, 77, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.7230, -6.8300, -8.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 77, 63) }
```

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

```
.background{ background-color: rgb(58, 77,  
63) }
```

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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