

Converting Colors

YIQ(69.8850, 36.4520, -10.8440)

Have a look what the booklet for
YIQ(69.8850, 36.4520, -10.8440)
contains.

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Color

**YIQ(69.8850, 36.4520,
-10.8440)**

Conversions

Conversions Part 1

Format	Color
Hex	62430B
RGB	98, 67, 11
RGB Percent	38%, 26%, 4%
CMY	0.6156, 0.7373, 0.9567
CMYK	0.00, 0.32, 0.89, 0.62
HSL	39°, 80%, 21%
HSV	39°, 89%, 38%
XYZ	7.1051, 6.6342, 1.2241
YIQ	69.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

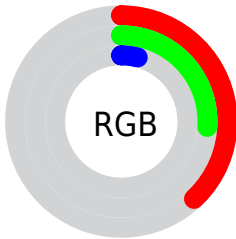
Format	Color
R_{YB}	59, 98, 11
Decimal	6439691
CIE Lab	30.96, 8.22, 36.16
CIE LCh	31, 37.082, 77.198
Yxy	6.6342, 0.4748, 0.4434
Android (android.graphics.Color)	4284629771 (0xFF62430B)
YUV	69.8850, -29.0303, 24.6569
Hunter-Lab	25.7570, 4.1648, 15.2121

Details

The YIQ color **69.8850, 36.4520, -10.8440** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **39.1150, -36.4520, 10.8440**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6790, 40.0280, -9.5720**, and **28.1410, 21.4120, -2.5880** is the 20% darker color. If you saturate the color by 10%, you get **66.3970, 40.7620, -11.8620**, and if you desaturate by 10%, it is **72.7860, 32.4170, -9.3030**.

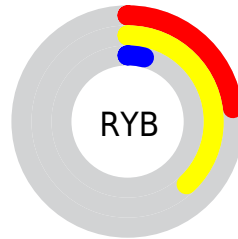
Distribution



Red (38%)

Green (26%)

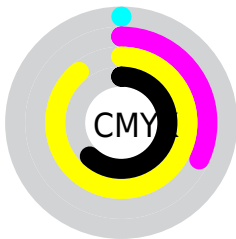
Blue (4%)



Red (23%)

Yellow (38%)

Blue (4%)

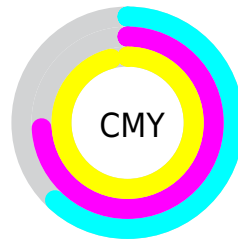


Cyan (0%)

Magenta (32%)

Yellow (89%)

Black (62%)



Cyan (62%)

Magenta (74%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.8850, 36.4520, -10.8440 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 69.8850, 36.4520, -10.8440 by changing the saturation by 10% instead.

■ 69.8850, 36.4520,
-10.8440

■ 69.8850, 36.4520,
-10.8440

■ 253.7460, 3.5310,
-3.4210

■ 48.2420, 31.1330,
-8.0590

■ 119.6790, 40.0280,
-9.5720

■ 28.1410, 21.4120,
-2.5880

■ 145.4620, 42.1370,
-9.2470

■ 6.5780, 13.1120,
4.6640

■ 172.8320, 43.9710,
-9.4450

■ 0.0000, 0.0000,
0.0000

■ 200.3160, 45.4840,
-9.3320

■ 224.7990, 39.5700,
-12.2860

■ 244.4270, 22.8820,

-18.2220

■ 250.4400, 12.8400,
-12.4400

■ 69.8850, 36.4520,
-10.8440

■ 69.8850, 36.4520,
-10.8440

■ 66.3970, 40.7620,
-11.8620

■ 72.7860, 32.4170,
-9.3030

■ 66.2830, 41.0830,
-12.1730

■ 76.2740, 28.1070,
-8.2850

■ 79.0610, 24.3930,
-7.0550

■ 82.5490, 20.0830,
-6.0370

■ 85.4500, 16.0480,
-4.4960

■ 88.9380, 11.7380,
-3.4780

■ 91.8390, 7.7030,
-1.9370

■ 95.2130, 3.7140,
-1.2300

■ 98.1140, -0.3210,
0.3110

Harmonies

Analogous

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



70.8020, 44.6560, 5.6800



69.8850, 36.4520, -10.8440



67.8670, 18.5270, -21.8970

Triad

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



69.8850, 36.4520, -10.8440



61.2150, -52.4940, -17.8220



75.3330, 4.3970, 24.9490

Complementary

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



69.8850, 36.4520, -10.8440



39.1150, -36.4520, 10.8440

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.



70.3330, -31.1340, 13.5860



69.8850, 36.4520, -10.8440



63.0050, -60.2900, -8.6900

Square

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



69.8850, 36.4520, -10.8440



57.2080, -42.5890, -26.6290



61.6660, -63.4090, -1.7210



73.0880, 30.0720, 27.7040

Rectangle

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



69.8850, 36.4520, -10.8440



65.1190, 0.1420, -24.6100



61.6660, -63.4090, -1.7210



74.7770, -5.7810, 22.1790

Sweetspot

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



69.8850, 36.4520, -10.8440



116.3790, 14.8100, -4.0860



40.6610, 41.5800, 28.3960



56.9100, 8.9410, -2.3470



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



69.8850, 36.4520, -10.8440



86.4060, 53.7380, -15.7500



84.4940, 20.7750, -29.6010



46.9570, 1.5590, -0.7210



75.7520, 46.9520, -13.9120



162.1580, 100.6900, -29.6620

Inverse Universe

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



39.1150, -36.4520, 10.8440



41.0070, -53.4630, 16.2730



24.5060, -20.7750, 29.6010



45.0430, -1.5590, 0.7210



36.2480, -46.9520, 13.9120



77.8420, -100.6900, 29.6620

Previews

White Background



This preview shows how the YIQ color 69.8850, 36.4520, -10.8440 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



This preview shows how the YIQ color 69.8850, 36.4520, -10.8440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

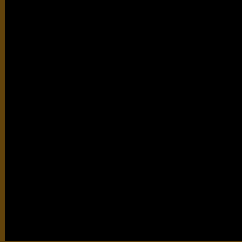
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.8850, 36.4520, -10.8440

Background



This preview shows how black text looks on a background with the YIQ color 69.8850, 36.4520, -10.8440.



This preview shows how white text looks on a background with the YIQ color 69.8850, 36.4520,

-10.8440.

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

69.8850, 36.4520, -10.8440

Protanopia

69.7370, 24.9450, -17.0630

Deuteranopia

69.9230, 33.2890, -14.0950



Tritanopia

74.2310, 21.6390, 9.8230

Trichromacy



Original Color

69.8850, 36.4520, -10.8440

Protanomaly

69.3570, 29.0710, -14.7450

Deuteranomaly

70.0480, 34.4350, -12.8370

Tritanomaly

72.8260, 26.9130, 2.3450

Monochromacy



Original Color

69.8850, 36.4520, -10.8440

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0090, 12.9760, -3.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.8850, 36.4520, -10.8440 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(98, 67, 11)` looks like.

```
.text, #text, p{  
    color:rgb(98, 67, 11)  
}
```

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(98, 67, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 67, 11) }
```

Border

The CSS property to change the border of an element to YIQ 69.8850, 36.4520, -10.8440 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(98, 67, 11) }
```


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

```
.border{ border-color:rgb(98, 67, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 67, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 67, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 67, 11);  
box-shadow:4px 4px 4px 4px rgb(98, 67, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.8850, 36.4520, -10.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 67, 11) }
```

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

```
.background{ background-color: rgb(98, 67,  
11) }
```

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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