

Converting Colors

YIQ(66.7170, 36.8650, -12.8230)

Have a look what the booklet for
YIQ(66.7170, 36.8650, -12.8230)
contains.

YIQ(66.7170, 36.8650, -12.8230)	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(66.7170, 36.8650,
-12.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4104
RGB	94, 65, 4
RGB Percent	37%, 25%, 2%
CMY	0.6313, 0.7451, 0.9841
CMYK	0.00, 0.31, 0.96, 0.63
HSL	41°, 92%, 19%
HSV	41°, 96%, 37%
XYZ	6.5287, 6.1682, 0.9628
YIQ	66.7170, 36.8650, -12.8230

Conversions

Conversions Part 2

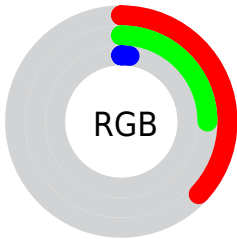
Format	Color
RYB	47, 94, 4
Decimal	6177028
CIELab	29.83, 7.21, 37.67
CIELCh	30, 38.350, 79.157
Yxy	6.1682, 0.4780, 0.4516
Android (android.graphics.Color)	4284367108 (0xFF5E4104)
YUV	66.7170, -30.9195, 23.9272
Hunter-Lab	24.8358, 3.4604, 15.0867

Details

The YIQ color **66.7170, 36.8650, -12.8230** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **31.2830, -36.8650, 12.8230**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **116.6250, 40.1200, -11.2400**, and **26.3580, 19.3030, -2.9130** is the 20% darker color. If you saturate the color by 10%, you get **65.6740, 38.4240, -13.5440**, and if you desaturate by 10%, it is **69.5040, 33.1510, -11.5930**.

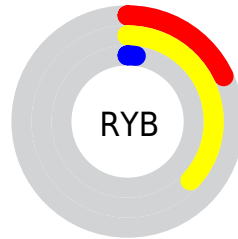
Distribution



Red (37%)

Green (25%)

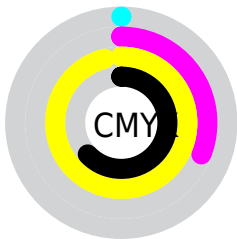
Blue (2%)



Red (18%)

Yellow (37%)

Blue (2%)

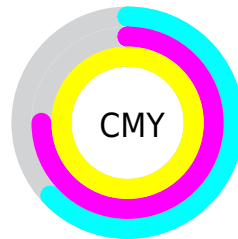


Cyan (0%)

Magenta (31%)

Yellow (96%)

Black (63%)



Cyan (63%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.7170, 36.8650, -12.8230 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 66.7170, 36.8650, -12.8230 by changing the saturation by 10% instead.

66.7170, 36.8650,
-12.8230

66.7170, 36.8650,
-12.8230

253.0620, 5.4570,
-5.2870

45.8720, 29.2990,
-7.8610

116.6250, 40.1200,
-11.2400

26.3580, 19.3030,
-2.9130

142.4080, 42.2290,
-10.9150

4.7840, 9.5360,
3.3920

169.1910, 44.3380,
-10.5900

0.0000, 0.0000,
0.0000

196.6750, 45.8510,
-10.4770

222.3540, 42.3210,
-12.5830

242.4550, 25.6790,

-19.3530

■ 249.7560, 14.7660,
-14.3060

■ 66.7170, 36.8650,
-12.8230

■ 66.7170, 36.8650,
-12.8230

■ 65.6740, 38.4240,
-13.5440

■ 69.5040, 33.1510,
-11.5930

■ 72.4050, 29.1160,
-10.0520

■ 75.1920, 25.4020,
-8.8220

■ 78.0930, 21.3670,
-7.2810

■ 80.8800, 17.6530,
-6.0510

■ 83.6670, 13.9390,
-4.8210

■ 86.5680, 9.9040,
-3.2800

■ 89.3550, 6.1900,
-2.0500

■ 92.2560, 2.1550,
-0.5090

Harmonies

Analogous

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



68.1610, 45.0230, 4.5350



66.7170, 36.8650, -12.8230



64.6280, 17.7020, -23.4660

Triad

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



66.7170, 36.8650, -12.8230



59.4540, -51.6690, -16.2530



72.6430, 6.4600, 26.1080

Complementary

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



66.7170, 36.8650, -12.8230



31.2830, -36.8650, 12.8230

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.



68.1590, -30.5840, 14.6320



66.7170, 36.8650, -12.8230



61.2440, -59.4650, -7.1210

Square

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



66.7170, 36.8650, -12.8230



55.9200, -41.7180, -25.8940



59.9050, -62.5840, -0.1520



69.2840, 32.4560, 28.5520

Rectangle

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



66.7170, 36.8650, -12.8230



61.8090, -1.9210, -25.7690



59.9050, -62.5840, -0.1520



72.2010, -4.0390, 23.6490

Sweetspot

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



66.7170, 36.8650, -12.8230



111.5530, 14.2600, -5.1320



34.3300, 44.0100, 28.4100



54.4970, 8.6660, -2.8700



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



66.7170, 36.8650, -12.8230



85.1990, 49.8870, -17.5450



79.2550, 19.9500, -31.1700



44.2560, 2.1550, -0.5090



76.3280, 45.2100, -15.3820



165.3700, 96.9770, -33.9590

Inverse Universe

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



31.2830, -36.8650, 12.8230



36.8010, -49.8870, 17.5450



18.7450, -19.9500, 31.1700



42.7440, -2.1550, 0.5090



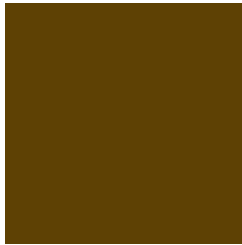
33.0850, -44.9350, 15.9050



71.6300, -96.9770, 33.9590

Previews

White Background



This preview shows how the YIQ color 66.7170, 36.8650, -12.8230 looks on a white background.

Color Contrast Check

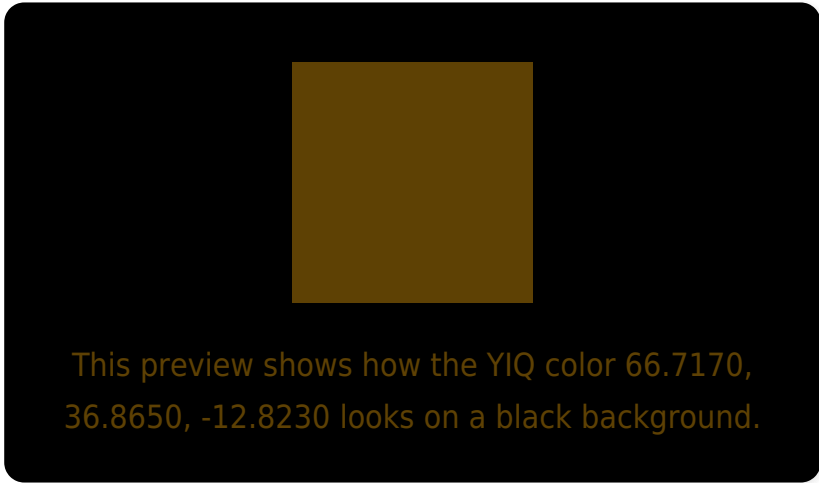
Large Text (above 18pt) WCAG AA ✓ Pass

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

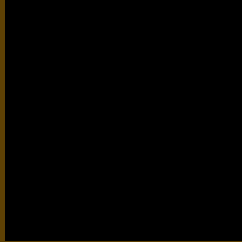
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.7170, 36.8650, -12.8230

Background



This preview shows how black text looks on a background with the YIQ color 66.7170, 36.8650, -12.8230.



This preview shows how white text looks on a background with the YIQ color 66.7170, 36.8650,

-12.8230.

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

66.7170, 36.8650, -12.8230

Protanopia

66.3950, 25.9080, -17.9960

Deuteranopia

65.9400, 34.6190, -16.1730



Tritanopia

71.6330, 20.4470, 9.3990

Trichromacy



Original Color

66.7170, 36.8650, -12.8230

Protanomaly

66.6020, 29.7590, -16.2010

Deuteranomaly

66.0650, 35.7650, -14.9150

Tritanomaly

70.0000, 26.3630, 1.2990

Monochromacy



Original Color

66.7170, 36.8650, -12.8230

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.7810, 13.6180, -4.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.7170, 36.8650, -12.8230 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(94, 65, 4)` looks like.

```
.text, #text, p{  
    color:rgb(94, 65, 4)  
}
```

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(94, 65, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 65, 4) }
```

Border

The CSS property to change the border of an element to YIQ 66.7170, 36.8650, -12.8230 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(94, 65, 4) }
```


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

```
.border{ border-color:rgb(94, 65, 4) }
```

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

Here you see how a box with a 4 pixel rgb(94, 65, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 65, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 65, 4); box-shadow:4px  
4px 4px 4px rgb(94, 65, 4) }
```

Background

The CSS property to change the background color of an element to YIQ 66.7170, 36.8650, -12.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 65, 4) }
```

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

```
.background{ background-color: rgb(94, 65,  
4) }
```

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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