

Converting Colors

YIQ(60.6460, 35.6270, -12.4130)

Have a look what the booklet for
YIQ(60.6460, 35.6270, -12.4130)
contains.

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Color

**YIQ(60.6460, 35.6270,
-12.4130)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 573B00 |
| RGB | 87, 59, 0 |
| RGB Percent | 34%, 23%, 0% |
| CMY | 0.6588, 0.7687, 0.9998 |
| CMYK | 0.00, 0.32, 1.00, 0.66 |
| HSL | 41°, 100%, 17% |
| HSV | 41°, 100%, 34% |
| XYZ | 5.4948, 5.1534, 0.7065 |
| YIQ | 60.6460, 35.6270, -12.4130 |

Conversions

Conversions Part 2

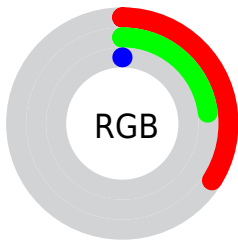
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 41, 87, 0 |
| Decimal | 5716736 |
| CIELab | 27.17, 7.27, 36.74 |
| CIELCh | 27, 37.447, 78.810 |
| Yxy | 5.1534, 0.4839, 0.4539 |
| Android (android.graphics.Color) | 4283906816 (0xFF573B00) |
| YUV | 60.6460, -29.8985, 23.1125 |
| Hunter-Lab | 22.7011, 3.4789, 14.0457 |

Details

The YIQ color **60.6460, 35.6270, -12.4130** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **26.3540, -35.6270, 12.4130**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **109.9670, 39.1570, -10.3070**, and **21.6290, 17.1020, -1.5700** is the 20% darker color. If you saturate the color by 10%, you get **60.6460, 35.6270, -12.4130**, and if you desaturate by 10%, it is **63.4330, 31.9130, -11.1830**.

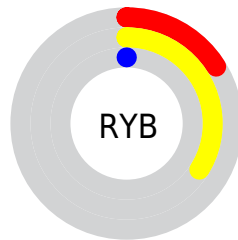
Distribution



Red (34%)

Green (23%)

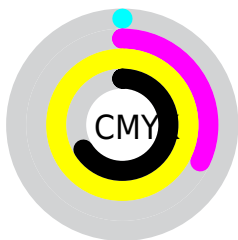
Blue (0%)



Red (16%)

Yellow (34%)

Blue (0%)

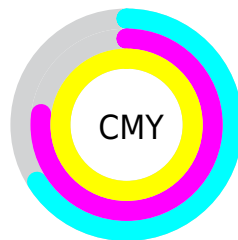


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.6460, 35.6270, -12.4130 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 60.6460, 35.6270, -12.4130 by changing the saturation by 10% instead.

60.6460, 35.6270,
-12.4130

60.6460, 35.6270,
-12.4130

252.3780, 7.3830,
-7.1530

40.2570, 26.7770,
-6.2070

109.9670, 39.1570,
-10.3070

21.6290, 17.1020,
-1.5700

135.4510, 40.6700,
-10.1940

0.0000, 0.0000,
0.0000


162.1200, 43.1000,
-10.1800


189.6040, 44.6130,
-10.0670


217.6750, 45.8510,
-10.4770


237.1890, 29.4840,


-16.7240


 249.1860, 16.3710,
-15.8610


 60.6460, 35.6270,
-12.4130

 63.4330, 31.9130,
-11.1830

 66.1060, 28.5200,
-10.2640

 68.3060, 25.0810,
-8.5110

 71.0930, 21.3670,
-7.2810

 73.8800, 17.6530,
-6.0510

■ 76.5530, 14.2600,
-5.1320

■ 79.3400, 10.5460,
-3.9020

■ 81.5400, 7.1070,
-2.1490

■ 84.2130, 3.7140,
-1.2300

Harmonies

Analogous

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



61.6770, 43.5100, 4.4220



60.6460, 35.6270, -12.4130



58.1550, 17.6560, -22.6320

Triad

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



60.6460, 35.6270, -12.4130



54.5470, -47.4970, -14.7690



66.1160, 6.5060, 25.2740

Complementary

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



60.6460, 35.6270, -12.4130



26.3540, -35.6270, 12.4130

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.



61.6320, -30.5380, 13.7980



60.6460, 35.6270, -12.4130



56.8100, -55.2470, -6.4710

Square

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



60.6460, 35.6270, -12.4130



51.1270, -37.8670, -24.0990



55.4710, -58.3660, 0.4980



63.2730, 30.9890, 27.6050

Rectangle

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



60.6460, 35.6270, -12.4130



55.6350, -1.3710, -24.7230



55.4710, -58.3660, 0.4980



66.2610, -4.2680, 22.2920

Sweetspot

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



60.6460, 35.6270, -12.4130



101.7810, 13.6180, -4.5100



29.3190, 42.5430, 27.4630



50.1980, 8.0700, -3.0820



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



60.6460, 35.6270, -12.4130



78.1000, 45.8520, -16.0040



72.8960, 19.5830, -30.0250



41.9570, 1.5590, -0.7210



74.8440, 43.6970, -15.4950



163.5980, 96.3350, -33.3370

Inverse Universe

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



26.3540, -35.6270, 12.4130



33.9000, -45.8520, 16.0040



14.4030, -18.9870, 30.2370



40.0430, -1.5590, 0.7210



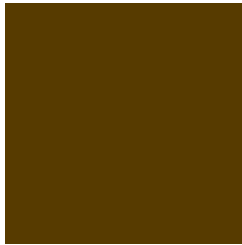
32.7430, -43.9720, 14.9720



71.4020, -96.3350, 33.3370

Previews

White Background



This preview shows how the YIQ color 60.6460, 35.6270, -12.4130 looks on a white background.

Color Contrast Check

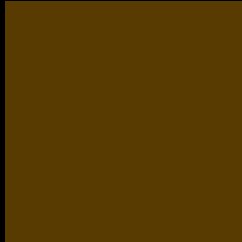
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.6460, 35.6270, -12.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

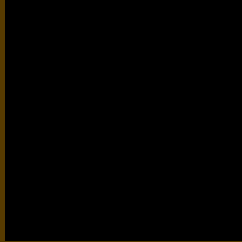
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.6460, 35.6270, -12.4130

Background



This preview shows how black text looks on a background with the YIQ color 60.6460, 35.6270, -12.4130.



This preview shows how white text looks on a background with the YIQ color 60.6460, 35.6270,

-12.4130.

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

60.6460, 35.6270, -12.4130

Protanopia

60.6660, 23.7070, -16.6530

Deuteranopia

60.3250, 32.0970, -14.5190



Tritanopia

65.9210, 19.5760, 8.6640

Trichromacy



Original Color

60.6460, 35.6270, -12.4130

Protanomaly

60.7590, 27.8790, -15.1690

Deuteranomaly

60.3360, 33.5640, -13.5720

Tritanomaly

63.8150, 25.4460, 1.3980

Monochromacy



Original Color

60.6460, 35.6270, -12.4130

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.5960, 12.7010, -4.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.6460, 35.6270, -12.4130 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(87, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 59, 0)  
}
```

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(87, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 59, 0) }
```

Border

The CSS property to change the border of an element to YIQ 60.6460, 35.6270, -12.4130 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(87, 59, 0) }
```


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

```
.border{ border-color:rgb(87, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(87, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 59, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 59, 0); box-shadow:4px  
4px 4px 4px rgb(87, 59, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 60.6460, 35.6270, -12.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 59, 0) }
```

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

```
.background{ background-color: rgb(87, 59,  
0) }
```

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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