

Converting Colors

YIQ(56.7660, 8.8060, -16.4260)

Have a look what the booklet for
YIQ(56.7660, 8.8060, -16.4260)
contains.

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Color

**YIQ(56.7660, 8.8060,
-16.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	374113
RGB	55, 65, 19
RGB Percent	22%, 25%, 7%
CMY	0.7844, 0.7451, 0.9254
CMYK	0.15, 0.00, 0.71, 0.75
HSL	73°, 55%, 16%
HSV	73°, 71%, 25%
XYZ	3.5830, 4.6400, 1.3237
YIQ	56.7660, 8.8060, -16.4260

Conversions

Conversions Part 2

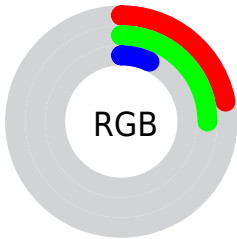
Format	Color
RYB	19, 65, 29
Decimal	3621139
CIELab	25.68, -12.02, 25.88
CIElCh	26, 28.535, 114.909
Yxy	4.6400, 0.3753, 0.4860
Android (android.graphics.Color)	4281811219 (0xFF374113)
YUV	56.7660, -18.6186, -1.5488
Hunter-Lab	21.5406, -8.0046, 11.4351

Details

The YIQ color **56.7660, 8.8060, -16.4260** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.2340, -8.8060, 16.4260**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4240, 9.7690, -17.3590**, and **14.3870, -6.0040, -12.3400** is the 20% darker color. If you saturate the color by 10%, you get **55.7830, 10.1360, -18.5040**, and if you desaturate by 10%, it is **57.8630, 7.1550, -14.0370**.

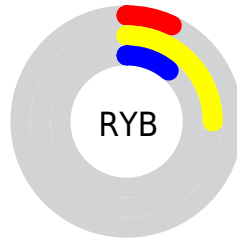
Distribution



Red (22%)

Green (25%)

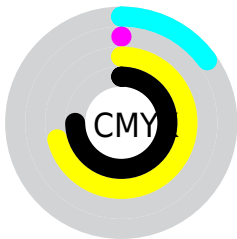
Blue (7%)



Red (7%)

Yellow (25%)

Blue (11%)

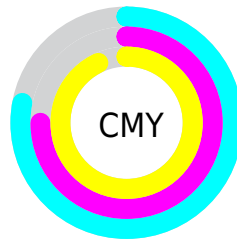


Cyan (15%)

Magenta (0%)

Yellow (71%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.7660, 8.8060, -16.4260 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 56.7660, 8.8060, -16.4260 by changing the saturation by 10% instead.

■ 56.7660, 8.8060,
-16.4260

■ 56.7660, 8.8060,
-16.4260

■ 254.3160, 1.9260,
-1.8660

■ 35.4070, 8.4390,
-15.2810

■ 104.4240, 9.7690,
-17.3590

■ 14.3870, -6.0040,
-12.3400

■ 129.6090, 10.6860,
-17.4580

■ 0.0000, 0.0000,
0.0000

■ 156.0820, 10.7320,
-18.2920

■ 182.8540, 11.3740,
-18.9140

■ 210.1530, 11.9700,
-18.7020

■ 238.9250, 12.6120,

-19.3240

■ 251.0100, 11.2350,
-10.8850

■ 56.7660, 8.8060,
-16.4260

■ 56.7660, 8.8060,
-16.4260

■ 55.7830, 10.1360,
-18.5040

■ 57.8630, 7.1550,
-14.0370

■ 54.3870, 11.1910,
-21.1050

■ 59.1450, 6.4210,
-11.7470

■ 53.4040, 12.5210,
-23.1830

■ 60.2420, 4.7700,
-9.3580

■ 61.5240, 4.0360,
-7.0680

■ 62.6210, 2.3850,
-4.6790

■ 63.6040, 1.0550,
-2.6010

■ 65.0000, -0.0000,
-0.0000

■ 65.9830, -1.3300,
2.0780

■ 67.3790, -2.3850,
4.6790

Harmonies

Analogous

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



58.4800, 24.5310, -9.5570



56.7660, 8.8060, -16.4260



52.5660, -14.1180, -19.4780

Triad

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



56.7660, 8.8060, -16.4260



51.4470, -49.7910, -6.2310



61.3660, 25.9930, 19.0250

Complementary

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



56.7660, 8.8060, -16.4260



27.2340, -8.8060, 16.4260

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.



63.0960, 9.2580, 19.4500



56.7660, 8.8060, -16.4260



49.4240, -50.9840, -1.1280

Square

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



56.7660, 8.8060, -16.4260



50.5690, -44.5630, -12.8750



61.3040, -14.9950, 12.9490



60.1570, 33.6510, 12.3950

Rectangle

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



56.7660, 8.8060, -16.4260



47.2630, -35.2540, -21.8940



61.3040, -14.9950, 12.9490



61.9680, 21.3620, 20.3540

Sweetspot

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



56.7660, 8.8060, -16.4260



80.7520, 3.3940, -6.4460



38.6240, 24.6660, 4.5220



41.2620, 2.0180, -3.5340



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



56.7660, 8.8060, -16.4260



71.4210, 13.8510, -25.2610



49.8890, -4.9020, -21.3020



32.3590, 0.3670, -1.1450



79.6630, 18.6210, -34.6190



184.1120, 43.2960, -79.8400

Inverse Universe

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



27.2340, -8.8060, 16.4260



25.5790, -13.8510, 25.2610



34.1110, 4.9020, 21.3020



30.6410, -0.3670, 1.1450



17.3370, -18.6210, 34.6190



40.1870, -42.7000, 80.0520

Previews

White Background



This preview shows how the YIQ color 56.7660, 8.8060, -16.4260 looks on a white background.

Color Contrast Check

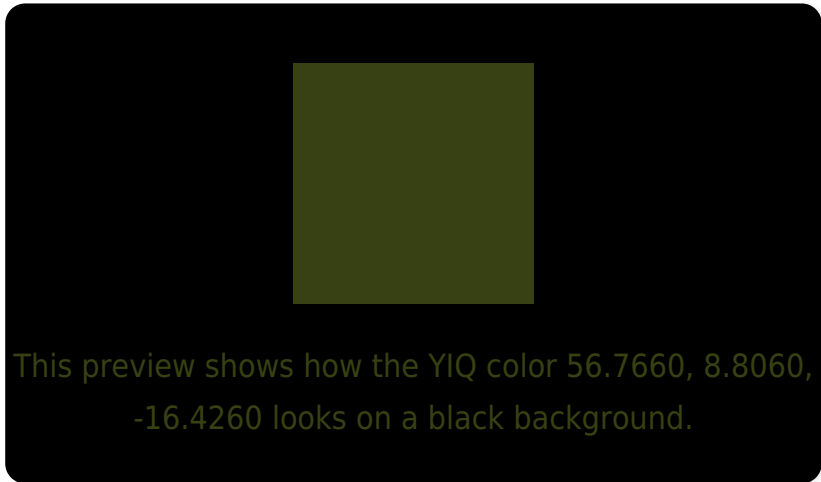
Large Text (above 18pt) WCAG AA ✓ Pass

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

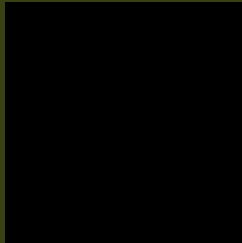
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

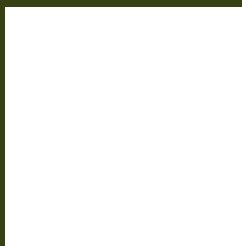
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 56.7660, 8.8060, -16.4260

Background



This preview shows how black text looks on a background with the YIQ color 56.7660, 8.8060, -16.4260.



This preview shows how white text looks on a background with the YIQ color 56.7660, 8.8060,

-16.4260.

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

56.7660, 8.8060, -16.4260

Protanopia

58.1910, 17.9750, -11.8890

Deuteranopia

59.2780, 22.2840, -7.3800



Tritanopia

61.1570, -1.8800, 1.0320

Trichromacy



Original Color

56.7660, 8.8060, -16.4260

Protanomaly

57.2830, 14.7200, -13.4720

Deuteranomaly

58.5330, 17.0120, -10.9560

Tritanomaly

59.2080, 2.1100, -5.2020

Monochromacy



Original Color

56.7660, 8.8060, -16.4260

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8660, 3.0730, -6.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.7660, 8.8060, -16.4260 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(55, 65, 19)` looks like.

```
.text, #text, p{  
    color:rgb(55, 65, 19)  
}
```

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(55, 65, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 65, 19) }
```

Border

The CSS property to change the border of an element to YIQ 56.7660, 8.8060, -16.4260 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(55, 65, 19) }
```


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

```
.border{ border-color:rgb(55, 65, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 65, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 65, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 65, 19);  
box-shadow:4px 4px 4px 4px rgb(55, 65, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.7660, 8.8060, -16.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 65, 19) }
```

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

```
.background{ background-color: rgb(55, 65,  
19) }
```

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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