

Converting Colors

YIQ(85.0630, 56.4420, -9.6860)

Have a look what the booklet for
YIQ(85.0630, 56.4420, -9.6860)
contains.

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Color

**YIQ(85.0630, 56.4420,
-9.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	854C06
RGB	133, 76, 6
RGB Percent	52%, 30%, 2%
CMY	0.4783, 0.7020, 0.9762
CMYK	0.00, 0.43, 0.95, 0.48
HSL	33°, 91%, 27%
HSV	33°, 95%, 52%
XYZ	12.2926, 10.1673, 1.4889
YIQ	85.0630, 56.4420, -9.6860

Conversions

Conversions Part 2

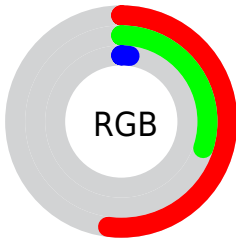
Format	Color
R_{YB}	109, 133, 6
Decimal	8735750
CIE Lab	38.14, 19.49, 45.52
CIE LCh	38, 49.517, 66.823
Yxy	10.1673, 0.5133, 0.4245
Android (android.graphics.Color)	4286925830 (0xFF854C06)
YUV	85.0630, -38.9781, 42.0407
Hunter-Lab	31.8862, 13.0135, 19.5518

Details

The YIQ color **85.0630, 56.4420, -9.6860** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **53.9370, -56.4420, 9.6860**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2100, 60.5220, -6.5340**, and **41.2200, 37.3670, 0.1110** is the 20% darker color. If you saturate the color by 10%, you get **82.6180, 59.1930, -9.9830**, and if you desaturate by 10%, it is **90.0670, 50.6190, -8.7810**.

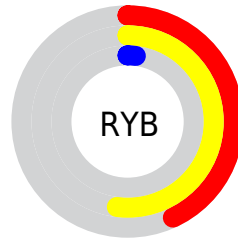
Distribution



Red (52%)

Green (30%)

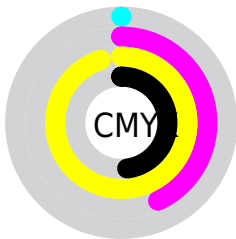
Blue (2%)



Red (43%)

Yellow (52%)

Blue (2%)

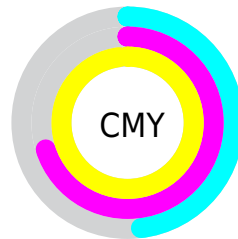


Cyan (0%)

Magenta (43%)

Yellow (95%)

Black (48%)



Cyan (48%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.0630, 56.4420, -9.6860 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 85.0630, 56.4420, -9.6860 by changing the saturation by 10% instead.

85.0630, 56.4420,
-9.6860

85.0630, 56.4420,
-9.6860

253.9740, 2.8890,
-2.7990

62.5060, 48.0050,
-5.4590

137.2100, 60.5220,
-6.5340

41.2200, 37.3670,
0.1110

164.2920, 63.2270,
-5.9970

21.1190, 27.6460,
5.5820

191.9610, 65.6570,
-5.9830

7.2900, 13.9830,
5.3990

212.5570, 51.9950,
-11.6930

0.0000, 0.0000,
0.0000

232.0710, 35.6280,
-17.9400

247.4760, 21.1860,

-20.5260

■ 250.6680, 12.1980,
-11.8180

■ 85.0630, 56.4420,
-9.6860

■ 85.0630, 56.4420,
-9.6860

■ 82.6180, 59.1930,
-9.9830

■ 90.0670, 50.6190,
-8.7810

■ 95.1850, 44.4750,
-7.5650

■ 100.1890, 38.6520,
-6.6600

■ 105.1930, 32.8290,
-5.7550

■ 110.3110, 26.6850,
-4.5390

■ 115.3150, 20.8620,
-3.6340

■ 120.3190, 15.0390,
-2.7290

■ 125.3230, 9.2160,
-1.8240

■ 130.4410, 3.0720,
-0.6080

Harmonies

Analogous

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



85.4070, 62.3060, 16.2100



85.0630, 56.4420, -9.6860



83.3170, 34.5750, -26.3930

Triad

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



85.0630, 56.4420, -9.6860



74.5680, -61.1580, -26.0060



92.0790, -9.2670, 30.2930

Complementary

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



85.0630, 56.4420, -9.6860



53.9370, -56.4420, 9.6860

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.



73.3840, -79.8700, 4.7540



85.0630, 56.4420, -9.6860



78.4270, -73.4020, -13.3540

Square

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



85.0630, 56.4420, -9.6860



68.6060, -47.1260, -38.0220



78.4560, -80.3730, -2.6530



89.8360, 31.2620, 39.1820

Rectangle

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



85.0630, 56.4420, -9.6860



79.4670, 16.2370, -35.4670



78.4560, -80.3730, -2.6530



89.6360, -27.1930, 24.7670

Sweetspot

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



85.0630, 56.4420, -9.6860



154.3860, 22.1000, -4.0440



50.4710, 57.3950, 44.6510



75.2480, 13.8010, -2.3190



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



85.0630, 56.4420, -9.6860



107.4920, 76.9830, -13.0090



116.7280, 37.1910, -40.7690



63.5550, 2.7510, -0.2970



81.1340, 57.6800, -10.0960



1.4840, 1.5130, 0.1130

Inverse Universe

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



53.9370, -56.4420, 9.6860



65.5080, -76.9830, 13.0090



22.2720, -37.1910, 40.7690



62.4450, -2.7510, 0.2970



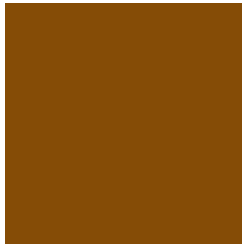
48.8660, -57.6800, 10.0960



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 85.0630, 56.4420, -9.6860 looks on a white background.

Color Contrast Check

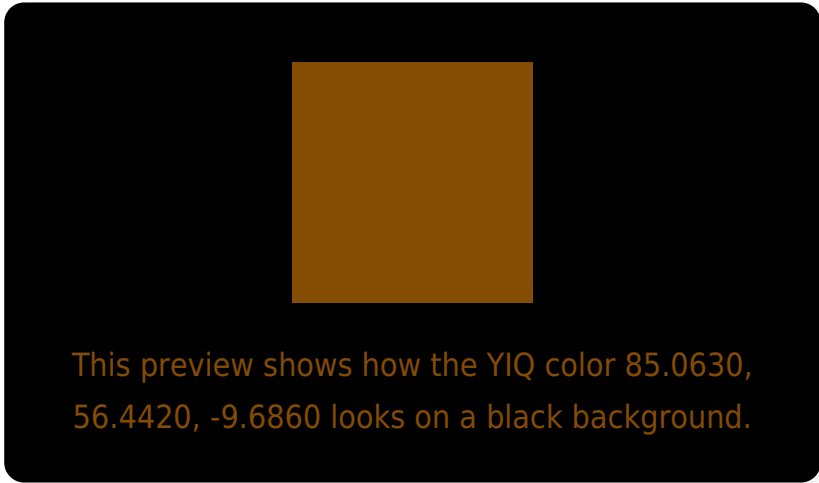
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 85.0630, 56.4420, -9.6860

Background



This preview shows how black text looks on a background with the YIQ color 85.0630, 56.4420, -9.6860.



This preview shows how white text looks on a background with the YIQ color 85.0630, 56.4420, -9.6860.

-9.6860.

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

85.0630, 56.4420, -9.6860

Protanopia

85.2830, 31.9150, -22.2370

Deuteranopia

84.5680, 44.2940, -20.8100



Tritanopia

91.0050, 37.1350, 15.3350

Trichromacy



Original Color

85.0630, 56.4420, -9.6860

Protanomaly

85.4090, 40.4880, -17.9120

Deuteranomaly

84.5410, 48.9240, -16.6120

Tritanomaly

89.0300, 44.0140, 6.3020

Monochromacy



Original Color

85.0630, 56.4420, -9.6860

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0160, 20.2660, -3.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.0630, 56.4420, -9.6860 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(133, 76, 6)` looks like.

```
.text, #text, p{  
    color:rgb(133, 76, 6)  
}
```

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(133, 76, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 76, 6) }
```

Border

The CSS property to change the border of an element to YIQ 85.0630, 56.4420, -9.6860 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(133, 76, 6) }
```


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

```
.border{ border-color:rgb(133, 76, 6) }
```

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

Here you see how a box with a 4 pixel rgb(133, 76, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 76, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 76, 6);  
box-shadow:4px 4px 4px 4px rgb(133, 76, 6)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.0630, 56.4420, -9.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 76, 6) }
```

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

```
.background{ background-color: rgb(133, 76,  
6) }
```

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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