

Converting Colors

YIQ(80.6930, 63.7760, 0.5760)

Have a look what the booklet for
YIQ(80.6930, 63.7760, 0.5760)
contains.

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Color

**YIQ(80.6930, 63.7760,
0.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3F0B
RGB	142, 63, 11
RGB Percent	56%, 25%, 4%
CMY	0.4430, 0.7531, 0.9566
CMYK	0.00, 0.56, 0.92, 0.44
HSL	24°, 86%, 30%
HSV	24°, 92%, 56%
XYZ	12.9986, 9.3300, 1.4346
YIQ	80.6930, 63.7760, 0.5760

Conversions

Conversions Part 2

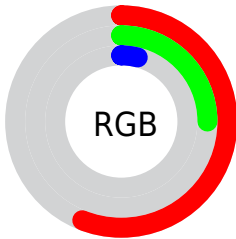
Format	Color
R_{YB}	142, 97, 11
Decimal	9322251
CIE _{Lab}	36.61, 30.83, 43.47
CIE _{LCh}	37, 53.295, 54.656
Yxy	9.3300, 0.5470, 0.3926
Android (android.graphics.Color)	4287512331 (0xFF8E3F0B)
YUV	80.6930, -34.3586, 53.7662
Hunter-Lab	30.5450, 22.5083, 18.5967

Details

The YIQ color **80.6930, 63.7760, 0.5760** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **72.3070, -63.7760, -0.5760**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2700, 69.4610, 2.1730**, and **34.2200, 46.5350, 10.1750** is the 20% darker color. If you saturate the color by 10%, you get **75.3300, 69.2320, 0.8160**, and if you desaturate by 10%, it is **87.5720, 56.8070, 0.2230**.

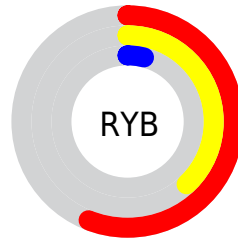
Distribution



Red (56%)

Green (25%)

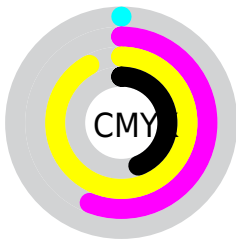
Blue (4%)



Red (56%)

Yellow (38%)

Blue (4%)

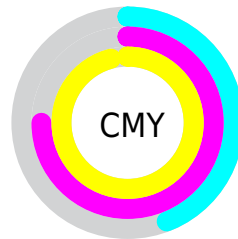


Cyan (0%)

Magenta (56%)

Yellow (92%)

Black (44%)



Cyan (44%)


Magenta (75%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 80.6930, 63.7760, 0.5760 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 80.6930, 63.7760, 0.5760 by changing the saturation by 10% instead.


 80.6930, 63.7760,
0.5760


 80.6930, 63.7760,
0.5760


 254.0880, 2.5680,
-2.4880


 56.6800, 56.6230,
3.5590


 133.5690, 70.0570,
2.3850


 34.2200, 46.5350,
10.1750

 160.6510, 72.7620,
2.9220


 17.0430, 33.9720,
12.0840

 185.6400, 71.2950,
1.9750

 9.0840, 17.5590,
6.6710

 205.0400, 55.2490,
-4.5830

 0.0000, 0.0000,
0.0000

 224.5540, 38.8820,
-10.8300

 244.6550, 22.2400,

-17.6000

■ 250.7820, 11.8770,
-11.5070

■ 80.6930, 63.7760,
0.5760

■ 80.6930, 63.7760,
0.5760

■ 75.3300, 69.2320,
0.8160

■ 87.5720, 56.8070,
0.2230

■ 93.8640, 50.1130,
0.3930

■ 100.8570, 42.8230,
0.3510

■ 107.1490, 36.1290,
0.5210

■ 114.0280, 29.1600,
0.1680

■ 120.3200, 22.4660,
0.3380

■ 127.3130, 15.1760,
0.2960

■ 134.1920, 8.2070,
-0.0570

■ 140.4840, 1.5130,
0.1130

Harmonies

Analogous

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



78.2370, 66.2010, 28.2250



80.6930, 63.7760, 0.5760



81.3230, 43.6060, -19.3540

Triad

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



80.6930, 63.7760, 0.5760



70.4130, -53.5920, -30.9680



84.3300, -35.0790, 24.5130

Complementary

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



80.6930, 63.7760, 0.5760



72.3070, -63.7760, -0.5760

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.



74.7860, -81.0620, 4.3300



80.6930, 63.7760, 0.5760



75.4290, -67.7160, -17.2840

Square

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



80.6930, 63.7760, 0.5760



62.9350, -38.0470, -42.8710



77.6580, -78.1260, -4.8300



86.9470, 17.8280, 40.3560

Rectangle

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



80.6930, 63.7760, 0.5760



78.8320, 25.6350, -29.5730



77.6580, -78.1260, -4.8300



71.6780, -71.7100, 11.0580

Sweetspot

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



80.6930, 63.7760, 0.5760



159.8750, 25.2170, 0.0410



59.4030, 52.0750, 52.9630



77.3130, 15.1760, 0.2960



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



80.6930, 63.7760, 0.5760



97.8670, 89.5890, 0.8290



118.2610, 46.1760, -32.8960



67.8540, 3.3470, -0.0850



72.0630, 65.6100, 0.3780



4.1530, 3.9430, 0.1270

Inverse Universe

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



72.3070, -63.7760, -0.5760



86.1330, -89.5890, -0.8290



34.7390, -46.1760, 32.8960



67.7330, -3.6220, -0.4380



63.5240, -65.8850, -0.9010



3.8470, -3.9430, -0.1270

Previews

White Background



This preview shows how the YIQ color 80.6930, 63.7760, 0.5760 looks on a white background.

Color Contrast Check

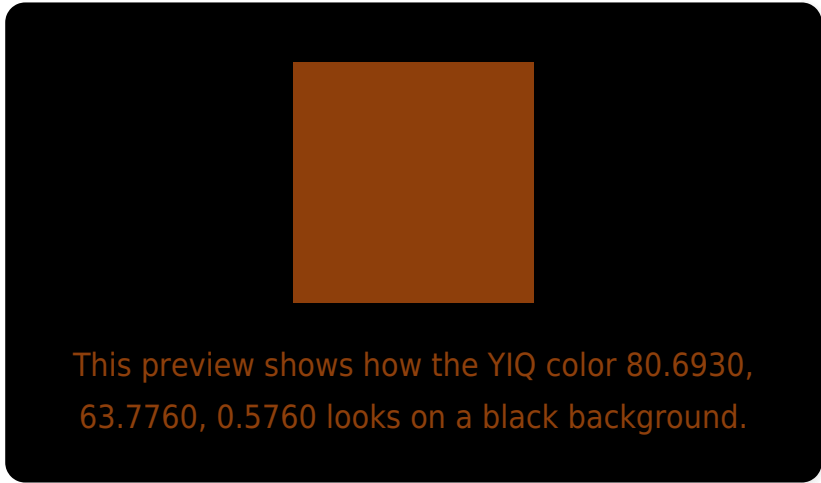
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.6930, 63.7760, 0.5760

Background



This preview shows how black text looks on a background with the YIQ color 80.6930, 63.7760, 0.5760.



This preview shows how white text looks on a background with the YIQ color 80.6930, 63.7760,

0.5760.

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

80.6930, 63.7760, 0.5760

Protanopia

82.4230, 28.7050, -19.1270

Deuteranopia

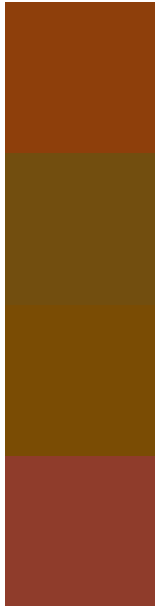
81.6110, 42.7350, -20.0890



Tritanopia

84.7570, 49.6970, 18.9530

Trichromacy



Original Color

80.6930, 63.7760, 0.5760

Protanomaly

81.5820, 41.6790, -11.9610

Deuteranomaly

81.5460, 50.5280, -12.6400

Tritanomaly

82.8790, 54.9250, 12.3090

Monochromacy



Original Color

80.6930, 63.7760, 0.5760

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.6190, 23.0620, 0.5500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.6930, 63.7760, 0.5760 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(142, 63, 11)` looks like.

```
.text, #text, p{  
    color:rgb(142, 63, 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(142, 63, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 63, 11) }
```

Border

The CSS property to change the border of an element to YIQ 80.6930, 63.7760, 0.5760 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(142, 63, 11) }
```


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

```
.border{ border-color:rgb(142, 63, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 63, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 63, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 63, 11);  
box-shadow:4px 4px 4px 4px rgb(142, 63,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 80.6930, 63.7760, 0.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 63, 11) }
```

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

```
.background{ background-color: rgb(142, 63,  
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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