

Converting Colors

YIQ(80.5420, 74.6870, 6.5830)

Have a look what the booklet for
YIQ(80.5420, 74.6870, 6.5830)
contains.

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Color

**YIQ(80.5420, 74.6870,
6.5830)**

Conversions

Conversions Part 1	
Format	Color
Hex	9C3809
RGB	156, 56, 9
RGB Percent	61%, 22%, 4%
CMY	0.3880, 0.7805, 0.9644
CMYK	0.00, 0.64, 0.94, 0.39
HSL	19°, 89%, 32%
HSV	19°, 94%, 61%
XYZ	15.1825, 9.9174, 1.3749
YIQ	80.5420, 74.6870, 6.5830

Conversions

Conversions Part 2

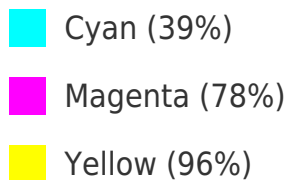
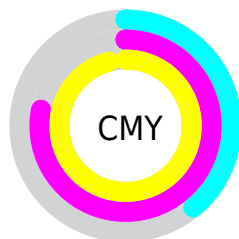
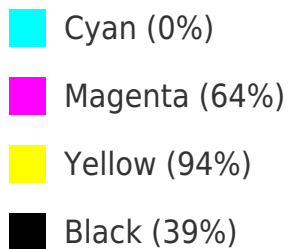
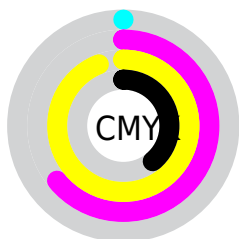
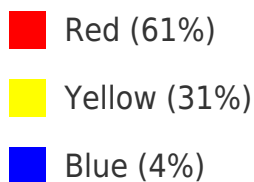
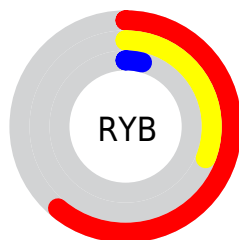
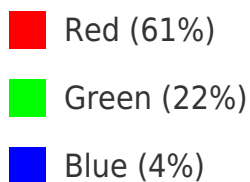
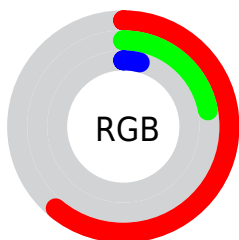
Format	Color
RYB	156, 78, 9
Decimal	10237961
CIELab	37.69, 39.85, 46.00
CIELCh	38, 60.865, 49.096
Yxy	9.9174, 0.5735, 0.3746
Android (android.graphics.Color)	4288428041 (0xFF9C3809)
YUV	80.5420, -35.2702, 66.1767
Hunter-Lab	31.4919, 30.9455, 19.4558

Details

The YIQ color **80.5420, 74.6870, 6.5830** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **84.4580, -74.6870, -6.5830**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4180, 80.9680, 8.3920**, and **29.0030, 57.8120, 20.5640** is the 20% darker color. If you saturate the color by 10%, you get **75.9940, 79.2260, 6.9220**, and if you desaturate by 10%, it is **88.8230, 66.5260, 5.8060**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YIQ color 80.5420, 74.6870, 6.5830 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 80.5420, 74.6870, 6.5830 by changing the saturation by 10% instead.


 80.5420, 74.6870,
6.5830

 80.5420, 74.6870,
6.5830


 253.8600, 3.2100,
-3.1100


 55.2840, 66.8460,
11.0220


 134.4180, 80.9680,
8.3920


 29.0030, 57.8120,
20.5640


 161.6850, 84.5900,
8.8300


 20.3320, 40.5280,
14.4160

 182.4770, 73.3120,
3.9680

 12.9710, 25.3070,
9.4270


 201.8770, 57.2660,
-2.5900


 0.0000, 0.0000,
0.0000


 221.3910, 40.8990,
-8.8370


 241.4920, 24.2570,


-15.6070


 250.6680, 12.1980,
-11.8180

 80.5420, 74.6870,
6.5830


 80.5420, 74.6870,
6.5830

 75.9940, 79.2260,
6.9220

 88.8230, 66.5260,
5.8060

 96.4030, 58.9610,
5.2410

 104.6840, 50.8000,
4.4640

 112.3780, 42.9140,
4.2100

 120.5450, 35.0740,
3.1220

■ 128.8260, 26.9130,
2.3450

■ 136.4060, 19.3480,
1.7800

■ 144.6870, 11.1870,
1.0030

■ 152.9680, 3.0260,
0.2260

Harmonies

Analogous

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



73.8290, 76.6980, 41.7380



80.5420, 74.6870, 6.5830



83.7370, 51.3080, -15.7640

Triad

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



80.5420, 74.6870, 6.5830



71.7350, -51.8030, -35.8590



77.3460, -67.5390, 18.0690

Complementary

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



80.5420, 74.6870, 6.5830



84.4580, -74.6870, -6.5830

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.



79.9040, -87.2060, 5.5460



80.5420, 74.6870, 6.5830



78.2500, -68.7700, -20.2100

Square

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



80.5420, 74.6870, 6.5830



63.0030, -32.7270, -51.1830



81.9780, -82.0230, -5.7910



89.8740, 10.9040, 44.6960

Rectangle

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



80.5420, 74.6870, 6.5830



81.8220, 31.5950, -27.4530



81.9780, -82.0230, -5.7910



74.1480, -84.7770, 11.0870

Sweetspot

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



80.5420, 74.6870, 6.5830



174.6090, 29.0220, 2.6700



64.4670, 55.1910, 62.5750



83.9220, 17.8350, 1.6670



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



80.5420, 74.6870, 6.5830



99.1510, 103.7090, 9.2530



123.3930, 54.6120, -31.5960



75.1530, 3.9430, 0.1270



69.7590, 72.5780, 6.2580



7.4200, 7.5650, 0.5650

Inverse Universe

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



84.4580, -74.6870, -6.5830



104.8490, -103.7090, -9.2530



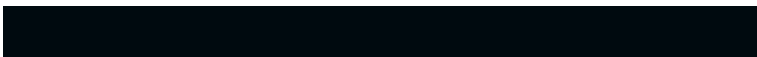
41.6070, -54.6120, 31.5960



75.4340, -4.2180, -0.6500



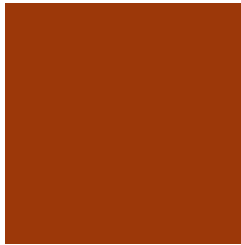
73.2410, -72.5780, -6.2580



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 80.5420, 74.6870, 6.5830 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 80.5420, 74.6870, 6.5830 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 80.5420, 74.6870, 6.5830

Background



This preview shows how black text looks on a background with the YIQ color 80.5420, 74.6870, 6.5830.



This preview shows how white text looks on a background with the YIQ color 80.5420, 74.6870,

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

80.5420, 74.6870, 6.5830

Protanopia

85.1950, 29.3470, -19.7490

Deuteranopia

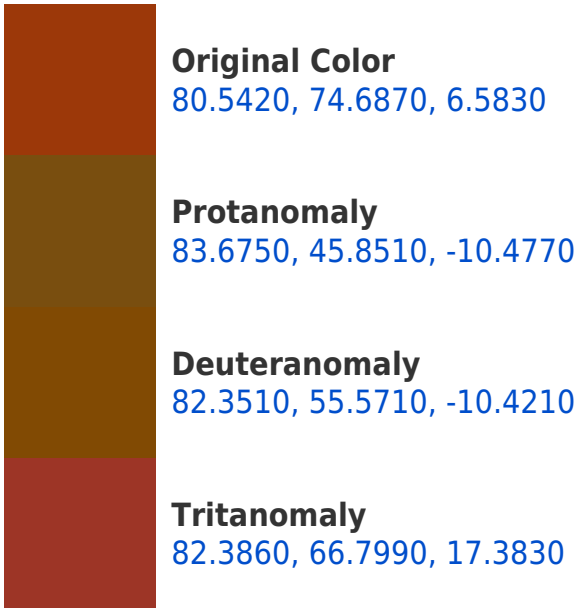
83.6820, 43.9730, -20.4990



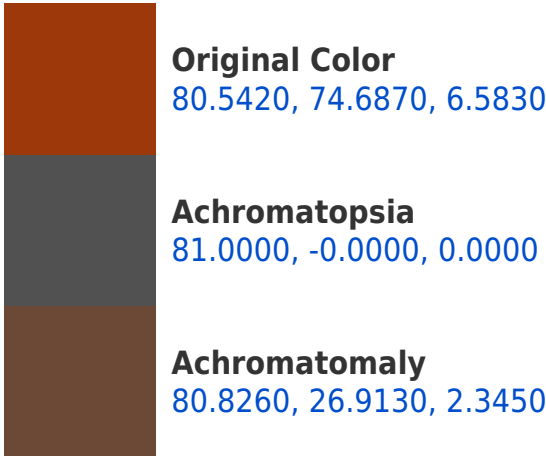
Tritanopia

83.7370, 61.6170, 23.1930

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.5420, 74.6870, 6.5830 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(156, 56, 9)` looks like.

```
.text, #text, p{  
    color:rgb(156, 56, 9)  
}
```

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(156, 56, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 56, 9) }
```

Border

The CSS property to change the border of an element to YIQ 80.5420, 74.6870, 6.5830 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(156, 56, 9) }
```


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

```
.border{ border-color:rgb(156, 56, 9) }
```

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

Here you see how a box with a 4 pixel rgb(156, 56, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 56, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 56, 9);  
box-shadow:4px 4px 4px 4px rgb(156, 56, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 80.5420, 74.6870, 6.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 56, 9) }
```

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

```
.background{ background-color: rgb(156, 56,  
9) }
```

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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