

Converting Colors

YIQ(80.0760, 37.2320, -13.9680)

Have a look what the booklet for
YIQ(80.0760, 37.2320, -13.9680)
contains.

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Color

**YIQ(80.0760, 37.2320,
-13.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4F0F
RGB	107, 79, 15
RGB Percent	42%, 31%, 6%
CMY	0.5804, 0.6902, 0.9410
CMYK	0.00, 0.26, 0.86, 0.58
HSL	42°, 75%, 24%
HSV	42°, 86%, 42%
XYZ	8.9459, 8.7511, 1.6714
YIQ	80.0760, 37.2320, -13.9680

Conversions

Conversions Part 2

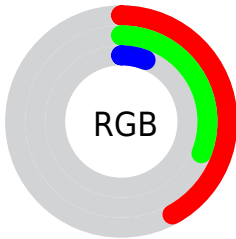
Format	Color
R_{YB}	55, 107, 15
Decimal	7032591
CIE Lab	35.50, 5.45, 39.09
CIE LCh	36, 39.467, 82.057
Yxy	8.7511, 0.4619, 0.4518
Android (android.graphics.Color)	4285222671 (0xFF6B4F0F)
YUV	80.0760, -32.0825, 23.6123
Hunter-Lab	29.5823, 2.2110, 17.3576

Details

The YIQ color **80.0760, 37.2320, -13.9680** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41.9240, -37.2320, 13.9680**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.8700, 40.8080, -12.6960**, and **36.9900, 23.1550, -6.6450** is the 20% darker color. If you saturate the color by 10%, you get **77.0610, 41.5880, -15.8200**, and if you desaturate by 10%, it is **83.0910, 32.8760, -12.1160**.

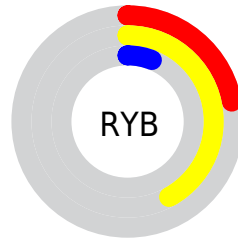
Distribution



Red (42%)

Green (31%)

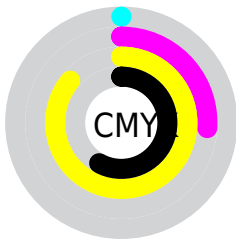
Blue (6%)



Red (22%)

Yellow (42%)

Blue (6%)

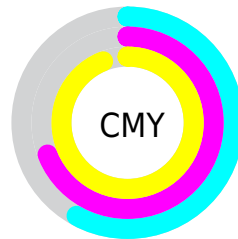


Cyan (0%)

Magenta (26%)

Yellow (86%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.0760, 37.2320, -13.9680 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 80.0760, 37.2320, -13.9680 by changing the saturation by 10% instead.

80.0760, 37.2320,
-13.9680

80.0760, 37.2320,
-13.9680

254.5440, 1.2840,
-1.2440

57.0910, 32.8760,
-12.1160

130.8700, 40.8080,
-12.6960

36.9900, 23.1550,
-6.6450

157.2400, 42.6420,
-12.8940

17.4870, 14.6260,
-0.7500

184.1370, 44.4300,
-12.2580

0.0000, 0.0000,
0.0000

212.2080, 45.6680,
-12.6680

233.8150, 33.4730,
-17.4310

248.0460, 19.5810,

-18.9710

■ 251.2380, 10.5930,
-10.2630

■ 80.0760, 37.2320,
-13.9680

■ 80.0760, 37.2320,
-13.9680

■ 77.0610, 41.5880,
-15.8200

■ 83.0910, 32.8760,
-12.1160

■ 75.4310, 43.4220,
-16.0180

■ 86.5790, 28.5660,
-11.0980

■ 89.5940, 24.2100,
-9.2460

■ 92.6090, 19.8540,
-7.3940

■ 95.6240, 15.4980,
-5.5420

■ 99.1120, 11.1880,
-4.5240

■ 102.1270, 6.8320,
-2.6720

■ 105.1420, 2.4760,
-0.8200

■ 108.0430, -1.5590,
0.7210

Harmonies

Analogous

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



81.1890, 47.8200, 3.4040



80.0760, 37.2320, -13.9680



77.4320, 15.3180, -24.3140

Triad

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



80.0760, 37.2320, -13.9680



70.1970, -61.2510, -18.8110



86.2630, 10.5860, 28.4260

Complementary

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



80.0760, 37.2320, -13.9680



41.9240, -37.2320, 13.9680

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.



83.1920, -26.1830, 17.4730



80.0760, 37.2320, -13.9680



71.5140, -69.0930, -8.8450

Square

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



80.0760, 37.2320, -13.9680



65.9620, -50.7040, -28.2400



69.4740, -71.6160, -1.6640



83.5510, 36.0780, 28.9900

Rectangle

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



80.0760, 37.2320, -13.9680



74.3140, -4.9010, -26.8290



69.4740, -71.6160, -1.6640



86.2230, -1.1050, 25.5430

Sweetspot

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



80.0760, 37.2320, -13.9680



129.4390, 14.5810, -5.4430



45.8140, 45.5230, 28.5230



64.9700, 8.7120, -3.7040



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



80.0760, 37.2320, -13.9680



99.3860, 56.4900, -21.5740



91.4290, 19.4000, -32.2160



52.1420, 2.4760, -0.8200



83.1170, 47.1820, -18.0820



173.0450, 99.2700, -36.9700

Inverse Universe

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



41.9240, -37.2320, 13.9680



41.2010, -56.7650, 21.0510



30.5710, -19.4000, 32.2160



49.8580, -2.4760, 0.8200



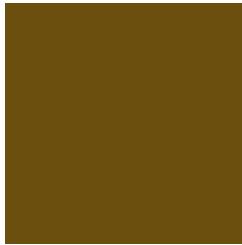
34.4700, -47.4570, 17.5590



71.9550, -99.2700, 36.9700

Previews

White Background



This preview shows how the YIQ color 80.0760, 37.2320, -13.9680 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 80.0760, 37.2320, -13.9680 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 80.0760, 37.2320, -13.9680

Background



This preview shows how black text looks on a background with the YIQ color 80.0760, 37.2320, -13.9680.



This preview shows how white text looks on a background with the YIQ color 80.0760, 37.2320,

-13.9680.

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

80.0760, 37.2320, -13.9680

Protanopia

79.2380, 27.7880, -19.0280

Deuteranopia

80.3640, 36.3610, -14.7030



Tritanopia

85.6330, 20.4470, 9.3990

Trichromacy



Original Color

80.0760, 37.2320, -13.9680

Protanomaly

79.5590, 31.3180, -16.9220

Deuteranomaly

80.3640, 36.3610, -14.7030

Tritanomaly

83.8860, 26.6840, 0.9880

Monochromacy



Original Color

80.0760, 37.2320, -13.9680

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.2540, 13.6640, -5.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.0760, 37.2320, -13.9680 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(107, 79, 15)` looks like.

```
.text, #text, p{  
    color:rgb(107, 79, 15)  
}
```

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(107, 79, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 79, 15) }
```

Border

The CSS property to change the border of an element to YIQ 80.0760, 37.2320, -13.9680 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(107, 79, 15) }
```


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

```
.border{ border-color:rgb(107, 79, 15) }
```

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

Here you see how a box with a 4 pixel rgb(107, 79, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 79, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 79, 15);  
box-shadow:4px 4px 4px 4px rgb(107, 79,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 80.0760, 37.2320, -13.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 79, 15) }
```

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

```
.background{ background-color: rgb(107, 79,  
15) }
```

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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