

Converting Colors

YUV(76.0080, -35.4999,
46.4740)

Have a look what the booklet for
YUV(76.0080, -35.4999, 46.4740)
contains.

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Color

**YUV(76.0080, -35.4999,
46.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	813F04
RGB	129, 63, 4
RGB Percent	51%, 25%, 2%
CMY	0.4941, 0.7529, 0.9843
CMYK	0.00, 0.51, 0.97, 0.49
HSL	28°, 94%, 26%
HSV	28°, 97%, 51%
XYZ	10.8527, 8.2309, 1.1316
YIQ	76.0080, 58.2750, -4.3570

Conversions

Conversions Part 2

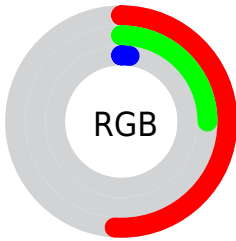
Format	Color
R_{YB}	129, 116, 4
Decimal	8470276
CIE Lab	34.46, 25.07, 43.35
CIE LCh	34, 50.081, 59.957
Yxy	8.2309, 0.5369, 0.4072
Android (android.graphics.Color)	4286660356 (0xFF813F04)
YUV	76.0080, -35.4999, 46.4740
Hunter-Lab	28.6896, 17.3162, 17.7441

Details

The YUV color **76.0080, -35.4999, 46.4740** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.9920, 35.4999, -46.4740**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9270, -35.9530, 51.8070**, and **31.8060, -15.6804, 36.1271** is the 20% darker color. If you saturate the color by 10%, you get **74.3780, -36.6684, 47.9035**, and if you desaturate by 10%, it is **81.5990, -31.8473, 41.5707**.

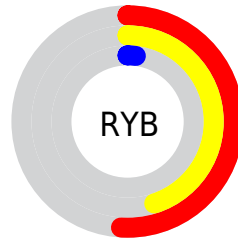
Distribution



Red (51%)

Green (25%)

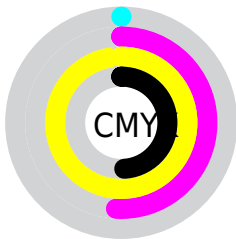
Blue (2%)



Red (51%)

Yellow (45%)

Blue (2%)

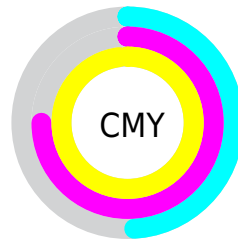


Cyan (0%)

Magenta (51%)

Yellow (97%)

Black (49%)



Cyan (49%)


Magenta (75%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.0080, -35.4999, 46.4740 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 YUV color 76.0080, -35.4999, 46.4740 by changing the saturation by 10% instead.


 76.0080, -35.4999,
46.4740

 76.0080, -35.4999,
46.4740


 253.2900, -6.5520,
1.4997


 53.6790, -26.4637,
41.5005


 127.9270,
-35.9530, 51.8070


 31.8060, -15.6804,
36.1271

 154.3080,
-37.1268, 54.9809


 14.0530, -6.9281,
28.8945

 182.2760,
-38.5901, 57.6399

 0.8970, -0.4422,
1.8443

 203.1820,
-36.0787, 45.4444

 0.0000, 0.0000,
0.0000

 222.6960,
-32.3881, 28.3306

 242.7970,

-28.9869, 10.7020

■ 250.0980,
-18.7823, 4.2991

■ 76.0080, -35.4999,
46.4740

■ 76.0080, -35.4999,
46.4740

■ 74.3780, -36.6684,
47.9035

■ 81.5990, -31.8473,
41.5707

■ 87.1900, -28.1947,
36.6674

■ 92.1940, -24.2526,
32.2789

■ 97.7850, -20.6000,
27.3756

■ 103.3760,
-16.9474, 22.4722

■ 108.8530,
-13.7315, 17.6689

■ 114.4440,
-10.0789, 12.7656

■ 119.4480, -6.1369,
8.3771

■ 125.0390, -2.4842,
3.4738

Harmonies

Analogous

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



75.0960, -15.3303, 63.9368



76.0080, -35.4999, 46.4740



75.9740, -37.4552, 20.1938

Triad

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



76.0080, -35.4999, 46.4740



67.2330, 6.2941, -58.9633



81.3270, 34.3488, -3.7948

Complementary

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



76.0080, -35.4999, 46.4740



56.9920, 35.4999, -46.4740

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.



68.8360, 45.4369, -60.3692



76.0080, -35.4999, 46.4740



71.2060, 24.0554, -62.4477

Square

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



76.0080, -35.4999, 46.4740



60.6840, -11.1832, -53.2199



72.8650, 38.0276, -63.9026



81.5300, 19.9517, 40.7542

Rectangle

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



76.0080, -35.4999, 46.4740



72.8960, -35.9377, 0.0912



72.8650, 38.0276, -63.9026



76.5630, 39.6554, -25.9268

Sweetspot

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



76.0080, -35.4999, 46.4740



147.7390, -14.1683, 17.7689



49.0130, 10.8396, 70.1486



71.8890, -8.3263, 10.6213



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



76.0080, -35.4999, 46.4740



96.6050, -47.6263, 62.6134



112.4020, -53.4422, 14.5564



60.8540, -1.9000, 2.7590



73.4920, -36.2316, 47.8035



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.9920, 35.4999, -46.4740



71.3950, 47.6263, -62.6134



20.5980, 53.4422, -14.5564



60.1460, 1.9000, -2.7590



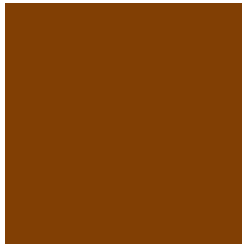
53.9210, 36.5209, -47.2887



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.0080, -35.4999, 46.4740 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 YUV color 76.0080, -35.4999, 46.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

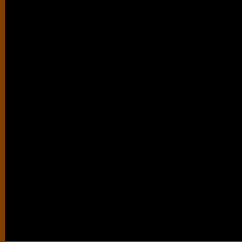
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0080, -35.4999, 46.4740

Background



This preview shows how black text looks on a background with the YUV color 76.0080, -35.4999, 46.4740.



This preview shows how white text looks on a background with the YUV color 76.0080, -35.4999,

46.4740.

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

76.0080, -35.4999, 46.4740

Protanopia

77.0100, -32.0499, 13.1462

Deuteranopia

76.5830, -37.7554, 23.1677



Tritanopia

80.9840, -8.8661, 43.8640

Trichromacy



Original Color

76.0080, -35.4999, 46.4740

Protanomaly

76.4460, -33.2509, 25.0419

Deuteranomaly

76.4530, -37.1983, 31.1747

Tritanomaly

78.8780, -18.1809, 44.8340

Monochromacy



Original Color

76.0080, -35.4999, 46.4740

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7820, -12.7105, 16.8542

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0080, -35.4999, 46.4740 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(129, 63, 4)` looks like.

```
.text, #text, p{  
    color:rgb(129, 63, 4)  
}
```

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(129, 63, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 63, 4) }
```

Border

The CSS property to change the border of an element to YUV 76.0080, -35.4999, 46.4740 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(129, 63, 4) }
```


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

```
.border{ border-color:rgb(129, 63, 4) }
```

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

Here you see how a box with a 4 pixel rgb(129, 63, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 63, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 63, 4);  
box-shadow:4px 4px 4px 4px rgb(129, 63, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.0080, -35.4999, 46.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 63, 4) }
```

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

```
.background{ background-color: rgb(129, 63,  
4) }
```

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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