

Converting Colors

YUV(76.3750, -35.6809,
11.0721)

Have a look what the booklet for
YUV(76.3750, -35.6809, 11.0721)
contains.

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Color

**YUV(76.3750, -35.6809,
11.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	595404
RGB	89, 84, 4
RGB Percent	35%, 33%, 2%
CMY	0.6510, 0.6706, 0.9843
CMYK	0.00, 0.06, 0.96, 0.65
HSL	56°, 91%, 18%
HSV	56°, 96%, 35%
XYZ	7.3121, 8.4733, 1.3650
YIQ	76.3750, 28.6600, -23.8200

Conversions

Conversions Part 2

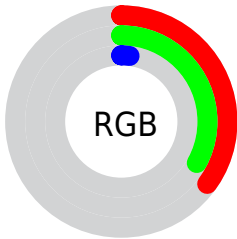
Format	Color
R_{YB}	9, 89, 4
Decimal	5854212
CIE Lab	34.95, -6.96, 41.38
CIE LCh	35, 41.965, 99.544
Yxy	8.4733, 0.4264, 0.4941
Android (android.graphics.Color)	4284044292 (0xFF595404)
YUV	76.3750, -35.6809, 11.0721
Hunter-Lab	29.1089, -6.1018, 17.5960

Details

The YUV color **76.3750, -35.6809, 11.0721** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.6250, 35.6809, -11.0721**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0270, -34.5233, 13.1313**, and **34.5540, -17.0351, 3.8991** is the 20% darker color. If you saturate the color by 10%, you get **75.9190, -37.4281, 11.4720**, and if you desaturate by 10%, it is **77.9880, -32.0391, 9.6575**.

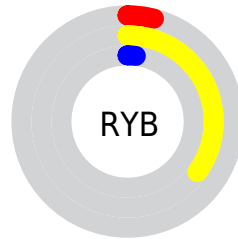
Distribution



Red (35%)

Green (33%)

Blue (2%)



Red (4%)

Yellow (35%)

Blue (2%)

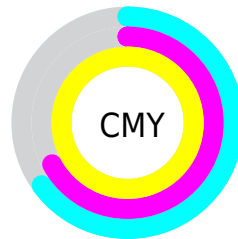


Cyan (0%)

Magenta (6%)

Yellow (96%)

Black (65%)



Cyan (65%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3750, -35.6809, 11.0721 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 76.3750, -35.6809, 11.0721 by changing the saturation by 10% instead.

■ 76.3750, -35.6809,
11.0721

■ 76.3750, -35.6809,
11.0721

■ 253.7460, -4.8048,
1.0998

■ 54.9430, -27.0869,
7.9430

■ 127.0270,
-34.5233, 13.1313

■ 34.5540, -17.0351,
3.8991

■ 153.2120,
-35.1075, 13.8461

■ 14.7300, -7.2619,
-4.1482

■ 180.5820,
-36.2759, 15.2756

■ 0.0000, 0.0000,
0.0000

■ 208.3540,
-37.1495, 15.4755

■ 236.5390,
-37.7337, 16.1903

■ 247.2480,

-29.7023, 6.7985

■ 250.4400,
-17.4719, 3.9991

■ 76.3750, -35.6809,
11.0721

■ 76.3750, -35.6809,
11.0721

■ 75.9190, -37.4281,
11.4720

■ 77.9880, -32.0391,
9.6575

■ 79.0140, -28.1079,
8.7577

■ 80.6270, -24.4661,
7.3431

■ 81.6530, -20.5349,
6.4433

■ 83.2660, -16.8931,
5.0287

■ 84.1780, -13.3988,
4.2289

■ 85.7910, -9.7570,
2.8143

■ 86.8170, -5.8258,
1.9145

■ 88.4300, -2.1840,
0.4999

Harmonies

Analogous

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



78.9570, -31.5308, 33.3637



76.3750, -35.6809, 11.0721



72.8150, -23.0798, -17.3778

Triad

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



76.3750, -35.6809, 11.0721



71.0750, 26.0920, -62.3328



82.6520, 11.5106, 41.5242

Complementary

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



76.3750, -35.6809, 11.0721



16.6250, 35.6809, -11.0721

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.



84.1950, 24.5539, 11.2300



76.3750, -35.6809, 11.0721



70.5340, 36.7117, -61.8583

Square

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



76.3750, -35.6809, 11.0721



68.0140, 11.8251, -59.6483



73.0680, 36.9415, -42.1556



79.5430, -3.2257, 54.7748

Rectangle

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



76.3750, -35.6809, 11.0721



62.8030, -8.2839, -49.8162



73.0680, 36.9415, -42.1556



83.8620, 16.3370, 33.4470

Sweetspot

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



76.3750, -35.6809, 11.0721



109.9500, -14.2724, 4.4288



30.0990, -9.9088, 51.6562



55.4320, -8.5940, 3.1291



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.3750, -35.6809, 11.0721



97.7810, -48.2060, 15.1011



68.2470, -31.6738, -14.2486



42.5440, -1.7472, 0.3999



91.2800, -45.0010, 13.7864



199.9920, -98.5961, 30.7020

Inverse Universe

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



16.6250, 35.6809, -11.0721



17.2190, 48.2060, -15.1011



24.7530, 31.6738, 14.2486



39.4560, 1.7472, -0.3999



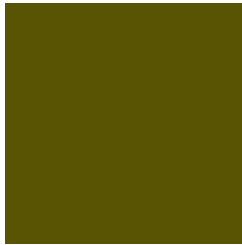
15.7200, 45.0010, -13.7864



35.0080, 98.5961, -30.7020

Previews

White Background



This preview shows how the YUV color 76.3750, -35.6809, 11.0721 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 76.3750, -35.6809, 11.0721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

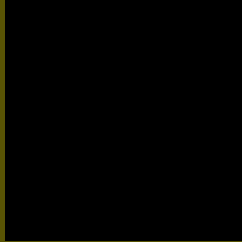
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3750, -35.6809, 11.0721

Background



This preview shows how black text looks on a background with the YUV color 76.3750, -35.6809, 11.0721.



This preview shows how white text looks on a background with the YUV color 76.3750, -35.6809,

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

76.3750, -35.6809, 11.0721

Protanopia

76.7560, -36.8547, 14.2460

Deuteranopia

78.2500, -32.6612, 22.5828



Tritanopia

83.4680, 0.2623, 9.2366

Trichromacy



Original Color

76.3750, -35.6809, 11.0721

Protanomaly

76.5710, -36.2705, 13.5312

Deuteranomaly

77.5870, -33.8134, 18.7792

Tritanomaly

80.7380, -12.6888, 9.8768

Monochromacy



Original Color

76.3750, -35.6809, 11.0721

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2920, -12.9620, 4.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3750, -35.6809, 11.0721 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(89, 84, 4)` looks like.

```
.text, #text, p{  
    color:rgb(89, 84, 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(89, 84, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 84, 4) }
```

Border

The CSS property to change the border of an element to YUV 76.3750, -35.6809, 11.0721 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(89, 84, 4) }
```


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

```
.border{ border-color:rgb(89, 84, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 84, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 84, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 84, 4); box-shadow:4px  
4px 4px 4px rgb(89, 84, 4) }
```

Background

The CSS property to change the background color of an element to YUV 76.3750, -35.6809, 11.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 84, 4) }
```

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

```
.background{ background-color: rgb(89, 84,  
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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