

Converting Colors

YUV(75.6290, -37.2851,
59.0844)

Have a look what the booklet for
YUV(75.6290, -37.2851, 59.0844)
contains.

YUV(75.6290, -37.2851, 59.0844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(75.6290, -37.2851,
59.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3800
RGB	143, 56, 0
RGB Percent	56%, 22%, 0%
CMY	0.4392, 0.7804, 1.0000
CMYK	0.00, 0.61, 1.00, 0.44
HSL	23°, 100%, 28%
HSV	23°, 100%, 56%
XYZ	12.7419, 8.6680, 1.0015
YIQ	75.6290, 69.8280, 1.0280

Conversions

Conversions Part 2

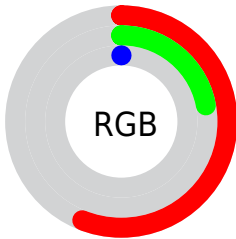
Format	Color
R_{YB}	143, 92, 0
Decimal	9385984
CIE Lab	35.34, 34.62, 46.61
CIE LCh	35, 58.058, 53.396
Yxy	8.6680, 0.5685, 0.3868
Android (android.graphics.Color)	4287576064 (0xFF8F3800)
YUV	75.6290, -37.2851, 59.0844
Hunter-Lab	29.4414, 25.7299, 18.5921

Details

The YUV color **75.6290, -37.2851, 59.0844** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **67.3710, 37.2851, -59.0844**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7330, -38.3224, 65.1322**, and **27.1760, -13.3978, 50.7116** is the 20% darker color. If you saturate the color by 10%, you get **75.6290, -37.2851, 59.0844**, and if you desaturate by 10%, it is **82.5080, -33.7744, 53.0515**.

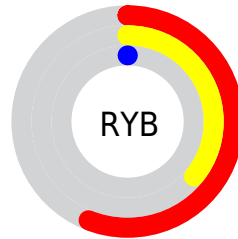
Distribution



Red (56%)

Green (22%)

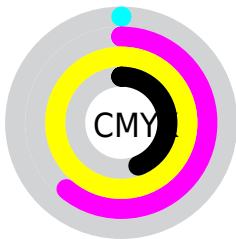
Blue (0%)



Red (56%)

Yellow (36%)

Blue (0%)

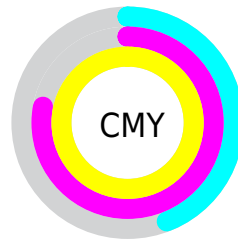


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (78%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 75.6290, -37.2851, 59.0844 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 75.6290, -37.2851, 59.0844 by changing the saturation by 10% instead.


 75.6290, -37.2851,
59.0844


 75.6290, -37.2851,
59.0844


 252.9480, -7.8624,
1.7996

 52.2830, -25.7755,
54.1258


 128.7330,
-38.3224, 65.1322

 27.1760, -13.3978,
50.7116

 156.1140,
-39.4962, 68.3060


 17.0430, -8.4022,
35.0423

 181.0920,
-39.4854, 64.8173

 8.4860, -3.6906,
17.1138

 199.9050,
-35.9422, 48.3183


 0.0000, 0.0000,
0.0000


 219.3050,
-32.6884, 31.3045


 239.4060,


-29.2872, 13.6759


 249.6420,
-20.5295, 4.6990

 75.6290, -37.2851,
59.0844

 82.5080, -33.7744,
53.0515

 88.9140, -29.5376,
47.4334

 95.7930, -26.0269,
41.4005

 102.6720,
-22.5163, 35.3677

 109.6650,
-18.5688, 29.2348

■ 115.9570,
-14.7688, 23.7167

■ 122.8360,
-11.2581, 17.6838

■ 129.7150, -7.7475,
11.6509

■ 136.1210, -3.5107,
6.0329

Harmonies

Analogous

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



70.2750, -9.9956, 79.5658



75.6290, -37.2851, 59.0844



78.9750, -38.9347, 28.0859

Triad

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



75.6290, -37.2851, 59.0844



67.9680, 1.4948, -59.6079



78.5400, 44.5968, -24.1526

Complementary

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



75.6290, -37.2851, 59.0844



67.3710, 37.2851, -59.0844

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.



74.0680, 50.2525, -64.9576



75.6290, -37.2851, 59.0844



74.0270, 22.1717, -64.9217

Square

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



75.6290, -37.2851, 59.0844



60.3930, -19.9137, -52.9647



76.7120, 40.0750, -67.2764



83.1690, 27.5247, 38.4398

Rectangle

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



75.6290, -37.2851, 59.0844



76.4730, -37.7012, 5.7242



76.7120, 40.0750, -67.2764



68.0840, 52.7096, -59.7097

Sweetspot

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



75.6290, -37.2851, 59.0844



159.6580, -14.6214, 23.1019



52.7890, 17.3590, 79.1150



78.3840, -9.0633, 13.6952



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.6290, -37.2851, 59.0844



98.4650, -48.5432, 76.7682



116.7190, -57.5425, 23.0484



67.8540, -1.9000, 2.7590



71.4760, -35.2377, 55.7105



4.1530, -2.0474, 3.3738

Inverse Universe

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



67.3710, 37.2851, -59.0844



87.5350, 48.5432, -76.7682



26.2810, 57.5425, -23.0484



67.7330, 1.6106, -3.2738



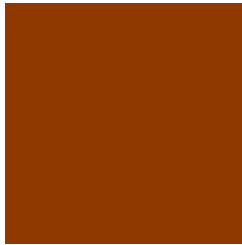
63.5240, 35.2377, -55.7105



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 75.6290, -37.2851, 59.0844 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 75.6290, -37.2851, 59.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

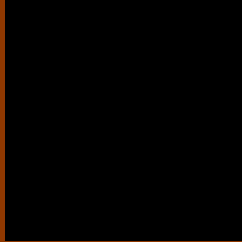
Any Text WCAG AA × Fail

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 75.6290, -37.2851, 59.0844 Background



This preview shows how black text looks on a background with the YUV color 75.6290, -37.2851, 59.0844.



This preview shows how white text looks on a background with the YUV color 75.6290, -37.2851,

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



Protanopia

79.3090, -32.1973, 13.7610

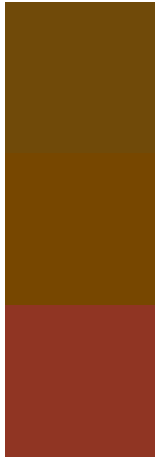
Deuteranopia

78.6540, -38.7764, 23.9824

Tritanopia

79.8500, -12.2510, 56.2596

Trichromacy



Protanomaly

77.9520, -33.9933, 29.8601

Deuteranomaly

77.2580, -38.0882, 36.6077

Tritanomaly

78.1570, -21.2764, 57.7443

Monochromacy



Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8750, -13.7424, 21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6290, -37.2851, 59.0844 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(143, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 56, 0)  
}
```

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(143, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 56, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.6290, -37.2851, 59.0844 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(143, 56, 0) }
```

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

```
.border{ border-color:rgb(143, 56, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 56, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 56, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.6290, -37.2851, 59.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 56, 0) }
```

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

```
.background{ background-color: rgb(143, 56,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor