

Converting Colors

YUV(80.4460, -39.6599,
74.1539)

Have a look what the booklet for
YUV(80.4460, -39.6599, 74.1539)
contains.

YUV(80.4460, -39.6599, 74.1539)	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(80.4460, -39.6599,
74.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	A53500
RGB	165, 53, 0
RGB Percent	65%, 21%, 0%
CMY	0.3529, 0.7922, 1.0000
CMYK	0.00, 0.68, 1.00, 0.35
HSL	19°, 100%, 32%
HSV	19°, 100%, 65%
XYZ	16.7902, 10.5455, 1.1506
YIQ	80.4460, 83.7650, 7.2610

Conversions

Conversions Part 2

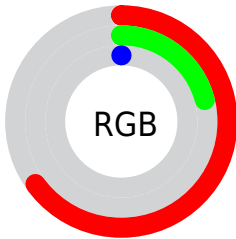
Format	Color
RYB	165, 78, 0
Decimal	10827008
CIELab	38.80, 44.32, 50.60
CIELCh	39, 67.269, 48.784
Yxy	10.5455, 0.5894, 0.3702
Android (android.graphics.Color)	4289017088 (0xFFA53500)
YUV	80.4460, -39.6599, 74.1539
Hunter-Lab	32.4739, 35.4615, 20.6311

Details

The YUV color **80.4460, -39.6599, 74.1539** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **84.5540, 39.6599, -74.1539**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5500, -40.6971, 80.2017**, and **31.0960, -15.3303, 63.9368** is the 20% darker color. If you saturate the color by 10%, you get **80.4460, -39.6599, 74.1539**, and if you desaturate by 10%, it is **88.7270, -35.8544, 66.8914**.

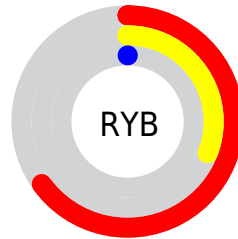
Distribution



Red (65%)

Green (21%)

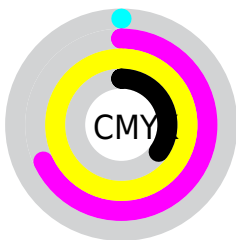
Blue (0%)



Red (65%)

Yellow (31%)

Blue (0%)

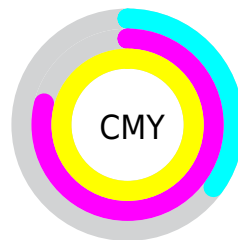


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 80.4460, -39.6599, 74.1539 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 80.4460, -39.6599, 74.1539 by changing the saturation by 10% instead.


 80.4460, -39.6599,
74.1539


 80.4460, -39.6599,
74.1539


 253.1760, -6.9888,
1.5996


 55.0400, -27.1347,
70.1249


 135.5500,
-40.6971, 80.2017

 31.0960, -15.3303,
63.9368


 162.5070,
-42.1550, 81.1164


 22.4250, -11.0555,
46.1083

 181.3200,
-38.6118, 64.6174

 14.8790, -6.3493,
29.9241

 200.7200,
-35.3580, 47.6036


 0.0000, 0.0000,
0.0000


 220.1200,
-32.1042, 30.5898


 240.3350,


-28.2662, 12.8612


 249.9840,
-19.2191, 4.3990


 80.4460, -39.6599,
74.1539

 88.7270, -35.8544,
66.8914

 97.1220, -31.6121,
59.5290

 106.1040,
-27.6593, 51.6518

 114.3850,
-23.8538, 44.3894

 122.6660,
-20.0483, 37.1269

■ 131.0610,
-15.8061, 29.7645

■ 139.3420,
-12.0006, 22.5021

■ 148.3240, -8.0477,
14.6249

■ 156.6050, -4.2423,
7.3624

Harmonies

Analogous

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



63.9050, -1.9252, 104.4463



80.4460, -39.6599, 74.1539



86.7050, -42.7456, 37.0927

Triad

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



80.4460, -39.6599, 74.1539



74.0830, -2.9989, -64.9708



72.8260, 60.7248, -63.8684

Complementary

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



80.4460, -39.6599, 74.1539



84.5540, 39.6599, -74.1539

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.



83.8480, 57.2629, -73.5347



80.4460, -39.6599, 74.1539



81.1680, 21.6092, -71.1843

Square

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



80.4460, -39.6599, 74.1539



63.3960, -31.2542, -55.5983



85.5800, 43.5911, -75.0537



91.6340, 35.6764, 37.1550

Rectangle

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



80.4460, -39.6599, 74.1539



84.4800, -41.6486, 11.8570



85.5800, 43.5911, -75.0537



78.0920, 60.5936, -68.4867

Sweetspot

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



80.4460, -39.6599, 74.1539



181.4630, -15.5113, 28.5349



62.2170, 25.0360, 90.1407



87.4060, -9.0742, 17.1839



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



80.4460, -39.6599, 74.1539



104.4890, -51.5131, 96.0411



128.5800, -63.3899, 31.9403



77.4520, -2.1948, 3.9886



70.9440, -34.9754, 64.9471



8.9040, -4.3897, 7.9772

Inverse Universe

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



84.5540, 39.6599, -74.1539



109.5110, 51.5131, -96.0411



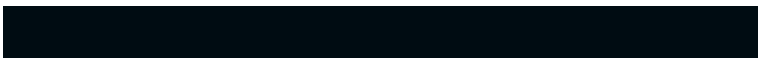
36.4200, 63.3899, -31.9403



77.5480, 2.1948, -3.9886



74.6430, 34.6860, -65.4619



9.0960, 4.3897, -7.9772

Previews

White Background



This preview shows how the YUV color 80.4460, -39.6599, 74.1539 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 × Fail

Black Background



This preview shows how the YUV color 80.4460, -39.6599, 74.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 80.4460, -39.6599, 74.1539

Background



This preview shows how black text looks on a background with the YUV color 80.4460, -39.6599, 74.1539.



This preview shows how white text looks on a background with the YUV color 80.4460, -39.6599,

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

87.7390, -34.3813, 14.2609

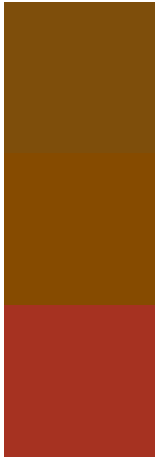
Deuteranopia

86.6390, -42.7130, 26.6266

Tritanopia

84.3250, -15.9362, 71.6290

Trichromacy



Protanomaly

84.7140, -36.3410, 36.2078

Deuteranomaly

84.0910, -41.4569, 43.7702

Tritanomaly

82.7460, -24.5248, 73.0138

Monochromacy



Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0930, -14.3428, 27.1054

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4460, -39.6599, 74.1539 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(165, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 53, 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(165, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 53, 0) }
```

Border

The CSS property to change the border of an element to YUV 80.4460, -39.6599, 74.1539 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(165, 53, 0) }
```

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

```
.border{ border-color:rgb(165, 53, 0) }
```

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

Here you see how a box with a 4 pixel rgb(165, 53, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 53, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 80.4460, -39.6599, 74.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 53, 0) }
```

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

```
.background{ background-color: rgb(165, 53,  
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](#).

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