

Converting Colors

YUV(85.5500, -40.6972,
80.2017)

Have a look what the booklet for
YUV(85.5500, -40.6972, 80.2017)
contains.

YUV(85.5500, -40.6972, 80.2017)	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>	31

Color

**YUV(85.5500, -40.6972,
80.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	B13703
RGB	177, 55, 3
RGB Percent	69%, 22%, 1%
CMY	0.3059, 0.7843, 0.9882
CMYK	0.00, 0.69, 0.98, 0.31
HSL	18°, 97%, 35%
HSV	18°, 98%, 69%
XYZ	19.5141, 12.0861, 1.3905
YIQ	85.5500, 89.4040, 9.6920

Conversions

Conversions Part 2

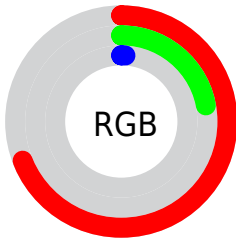
Format	Color
R_{YB}	177, 77, 3
Decimal	11613955
CIE Lab	41.35, 47.76, 52.14
CIE LCh	41, 70.703, 47.509
Yxy	12.0861, 0.5915, 0.3663
Android (android.graphics.Color)	4289804035 (0xFFB13703)
YUV	85.5500, -40.6972, 80.2017
Hunter-Lab	34.7650, 39.3558, 21.9641

Details

The YUV color **85.5500, -40.6972, 80.2017** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **94.4500, 40.6972, -80.2017**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5400, -42.1712, 86.3494**, and **34.3850, -16.9518, 70.6994** is the 20% darker color. If you saturate the color by 10%, you get **84.0340, -41.4288, 81.5312**, and if you desaturate by 10%, it is **94.6460, -36.3075, 72.2245**.

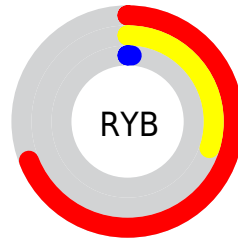
Distribution



Red (69%)

Green (22%)

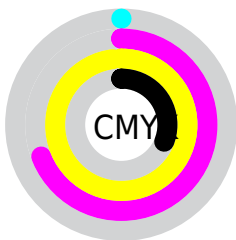
Blue (1%)



Red (69%)

Yellow (30%)

Blue (1%)

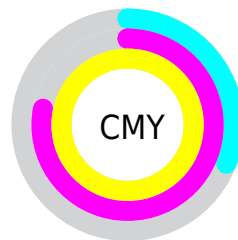


Cyan (0%)

Magenta (69%)

Yellow (98%)

Black (31%)



Cyan (31%)


Magenta (78%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.5500, -40.6972, 80.2017 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 85.5500, -40.6972, 80.2017 by changing the saturation by 10% instead.


 85.5500, -40.6972,
80.2017


 85.5500, -40.6972,
80.2017


 253.7460, -4.8048,
1.0998


 58.3290, -28.7562,
76.8875


 141.5400,
-42.1712, 86.3494

 34.3850, -16.9518,
70.6994


 164.7240,
-41.2759, 79.1721


 25.4150, -12.5296,
52.2560

 184.0100,
-38.4589, 62.2582

 17.8690, -7.8234,
36.0719

 203.5240,
-34.7683, 45.1445

 6.8770, -3.3904,
14.1399


 222.9240,
-31.5145, 28.1307


 0.0000, 0.0000,
0.0000


 243.7260,


-27.9659, 9.8873


 250.4400,
-17.4719, 3.9991


 85.5500, -40.6972,
80.2017

 85.5500, -40.6972,
80.2017


 84.0340, -41.4288,
81.5312

 94.6460, -36.3075,
72.2245

 104.2150,
-32.6440, 63.8324

 113.3110,
-28.2543, 55.8553

 122.9940,
-24.1540, 47.3633

 131.9760,
-20.2012, 39.4860

■ 141.0720,
-15.8115, 31.5089

■ 150.7550,
-11.7112, 23.0169

■ 159.8510, -7.3215,
15.0397

■ 169.4200, -3.6581,
6.6477

Harmonies

Analogous

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



66.2420, 0.3737, 113.7978



85.5500, -40.6972, 80.2017



92.0430, -45.3772, 41.1813

Triad

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



85.5500, -40.6972, 80.2017



78.4200, -4.1511, -68.7743



78.5310, 64.8142, -68.8717

Complementary

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



85.5500, -40.6972, 80.2017



94.4500, 40.6972, -80.2017

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.



89.9120, 60.1894, -78.8528



85.5500, -40.6972, 80.2017



86.5480, 21.9148, -75.9026

Square

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



85.5500, -40.6972, 80.2017



67.5050, -33.2800, -59.2019



91.3020, 45.2071, -80.0719



97.8450, 39.0234, 36.9699

Rectangle

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



85.5500, -40.6972, 80.2017



90.6930, -44.7116, 14.3012



91.3020, 45.2071, -80.0719



83.7970, 64.6831, -73.4900

Sweetspot

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



85.5500, -40.6972, 80.2017



194.7730, -15.6641, 30.8941



69.2760, 28.9509, 94.4739



94.0040, -9.3690, 18.4135



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



85.5500, -40.6972, 80.2017



109.2730, -53.8716, 105.8776



134.8580, -65.0060, 36.9585



84.4520, -2.1948, 3.9886



72.7490, -35.8653, 70.3801



12.4700, -6.1477, 11.8658

Inverse Universe

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



94.4500, 40.6972, -80.2017



120.7270, 53.8716, -105.8776



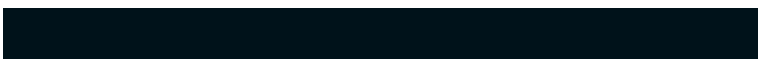
45.1420, 65.0060, -36.9585



85.1350, 1.9054, -4.5034



80.2510, 35.8653, -70.3801



13.5300, 6.1477, -11.8658

Previews

White Background



This preview shows how the YUV color 85.5500, -40.6972, 80.2017 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 85.5500, -40.6972, 80.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

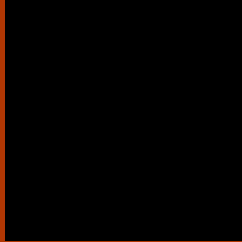
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5500, -40.6972, 80.2017

Background



This preview shows how black text looks on a background with the YUV color 85.5500, -40.6972, 80.2017.



This preview shows how white text looks on a background with the YUV color 85.5500, -40.6972,

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

85.5500, -40.6972, 80.2017

Protanopia

93.4680, -36.7127, 15.3756

Deuteranopia

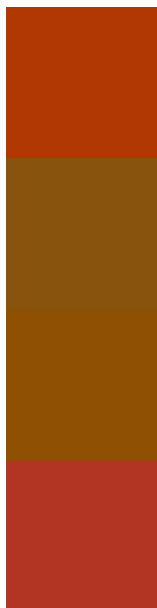
92.2540, -45.4812, 27.8412



Tritanopia

89.3150, -17.4103, 77.7767

Trichromacy



Original Color

85.5500, -40.6972, 80.2017

Protanomaly

90.5680, -38.2410, 38.9669

Deuteranomaly

89.8310, -43.7937, 46.6292

Tritanomaly

87.7360, -25.9988, 79.1615

Monochromacy



Original Color

85.5500, -40.6972, 80.2017

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9900, -14.7851, 28.9498

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5500, -40.6972, 80.2017 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(177, 55, 3)` looks like.

```
.text, #text, p{  
    color:rgb(177, 55, 3)  
}
```

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(177, 55, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 55, 3) }
```

Border

The CSS property to change the border of an element to YUV 85.5500, -40.6972, 80.2017 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(177, 55, 3) }
```


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

```
.border{ border-color:rgb(177, 55, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 55, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 55, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 55, 3);  
box-shadow:4px 4px 4px 4px rgb(177, 55, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.5500, -40.6972, 80.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 55, 3) }
```

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

```
.background{ background-color: rgb(177, 55,  
3) }
```

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