

Converting Colors

YUV(93.0040, -45.8510,
99.9745)

Have a look what the booklet for
YUV(93.0040, -45.8510, 99.9745)
contains.

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Color

**YUV(93.0040, -45.8510,
99.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3500
RGB	207, 53, 0
RGB Percent	81%, 21%, 0%
CMY	0.1882, 0.7922, 1.0000
CMYK	0.00, 0.74, 1.00, 0.19
HSL	15°, 100%, 41%
HSV	15°, 100%, 81%
XYZ	27.0052, 15.8116, 1.6286
YIQ	93.0040, 108.7970, 16.1650

Conversions

Conversions Part 2

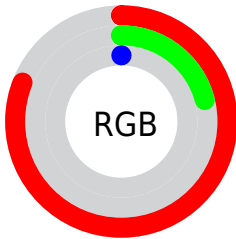
Format	Color
R_{YB}	207, 71, 0
Decimal	13579520
CIE Lab	46.73, 58.33, 58.87
CIE LCh	47, 82.877, 45.263
Yxy	15.8116, 0.6076, 0.3558
Android (android.graphics.Color)	4291769600 (0xFFCF3500)
YUV	93.0040, -45.8510, 99.9745
Hunter-Lab	39.7638, 51.6400, 25.4063

Details

The YUV color **93.0040, -45.8510, 99.9745** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **113.9960, 45.8510, -99.9745**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9000, -44.8137, 93.9267**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **93.0040, -45.8510, 99.9745**, and if you desaturate by 10%, it is **104.2030, -41.0191, 90.1530**.

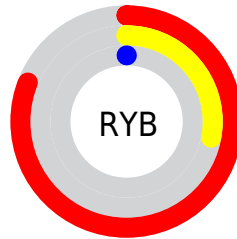
Distribution



Red (81%)

Green (21%)

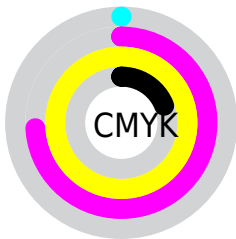
Blue (0%)



Red (81%)

Yellow (28%)

Blue (0%)

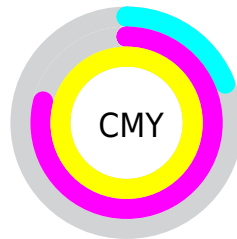


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (79%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.0040, -45.8510, 99.9745 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 93.0040, -45.8510, 99.9745 by changing the saturation by 10% instead.


 93.0040, -45.8510,
99.9745


 93.0040, -45.8510,
99.9745


 253.9740, -3.9312,
0.8998


 61.1300, -30.1371,
99.8640


 147.9000,
-44.8137, 93.9267

 42.7570, -21.0792,
87.9131


 166.5990,
-41.7073, 77.5277

 33.4880, -16.5096,
68.8550


 186.5860,
-38.7429, 59.9991

 24.2190, -11.9400,
49.7969

 205.9860,
-35.4891, 42.9853

 16.0750, -6.9390,
32.3832

 226.0870,
-32.0879, 25.3567


 0.8970, -0.4422,
1.8443


 246.8890,


 0.0000, 0.0000,


-28.5393, 7.1133


0.0000

 250.6680,
-16.5983, 3.7992

 93.0040, -45.8510,
99.9745

 104.2030,
-41.0191, 90.1530

 115.8750,
-36.9134, 79.9166

 127.0740,
-32.0815, 70.0951

 138.8600,
-27.5390, 59.7588

 150.0590,
-22.7071, 49.9373

■ 161.1440,
-18.3120, 40.2157

■ 172.9300,
-13.7695, 29.8794

■ 184.1290, -8.9376,
20.0579

■ 195.8010, -4.8319,
9.8215

Harmonies

Analogous

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



77.1780, 0.8982, 132.2709



93.0040, -45.8510, 99.9745



104.5020, -51.5195, 51.3027

Triad

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



93.0040, -45.8510, 99.9745



88.6270, -8.1971, -77.7259



91.6680, 77.0717, -80.3928

Complementary

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



93.0040, -45.8510, 99.9745



113.9960, 45.8510, -99.9745

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.



103.9950, 70.9945, -91.2036



93.0040, -45.8510, 99.9745



98.2370, 23.5472, -86.1538

Square

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



93.0040, -45.8510, 99.9745



76.8970, -37.9102, -67.4387



104.9460, 51.7916, -92.0376



110.4890, 49.0589, 38.1591

Rectangle

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



93.0040, -45.8510, 99.9745



103.1190, -50.8377, 19.1896



104.9460, 51.7916, -92.0376



97.4070, 76.2143, -85.4259

Sweetspot

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



93.0040, -45.8510, 99.9745



212.8770, -16.7014, 36.9419



79.5630, 37.1904, 111.7622



102.2110, -9.9640, 22.6170



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



93.0040, -45.8510, 99.9745



114.4000, -56.3992, 123.3062



152.8780, -75.3689, 47.4650



99.0500, -2.4897, 5.2181



75.4730, -37.2082, 81.1462



18.1290, -8.9376, 20.0579

Inverse Universe

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



113.9960, 45.8510, -99.9745



140.6000, 56.3992, -123.3062



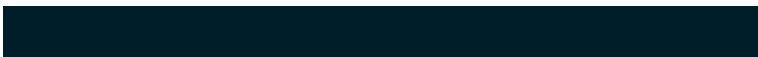
54.1220, 75.3689, -47.4650



99.9500, 2.4897, -5.2181



92.5270, 37.2082, -81.1462



22.2840, 9.2270, -19.5431

Previews

White Background



This preview shows how the YUV color 93.0040, -45.8510, 99.9745 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 93.0040, -45.8510, 99.9745 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 93.0040, -45.8510, 99.9745

Background



This preview shows how black text looks on a background with the YUV color 93.0040, -45.8510, 99.9745.



This preview shows how white text looks on a background with the YUV color 93.0040, -45.8510,

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

106.1540, -40.5019, 17.4049

Deuteranopia

104.3810, -51.4598, 32.1149

Tritanopia

97.3560, -22.8535, 97.0348

Trichromacy



Protanomaly

101.4720, -42.6307, 46.9441

Deuteranomaly

100.4040, -49.4992, 56.6507

Tritanomaly

95.7770, -31.4421, 98.4196

Monochromacy



Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.5780, -16.5540, 36.3271

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0040, -45.8510, 99.9745 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(207, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 53, 0) }
```

Border

The CSS property to change the border of an element to YUV 93.0040, -45.8510, 99.9745 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(207, 53, 0) }
```

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

```
.border{ border-color:rgb(207, 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(207, 53, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 53, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 93.0040, -45.8510, 99.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 53, 0) }
```

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

```
.background{ background-color: rgb(207, 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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