

Converting Colors

YUV(90.3350, -44.5352,
97.9302)

Have a look what the booklet for
YUV(90.3350, -44.5352, 97.9302)
contains.

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Color

**YUV(90.3350, -44.5352,
97.9302)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3300
RGB	202, 51, 0
RGB Percent	79%, 20%, 0%
CMY	0.2078, 0.8000, 1.0000
CMYK	0.00, 0.75, 1.00, 0.21
HSL	15°, 100%, 40%
HSV	15°, 100%, 79%
XYZ	25.5409, 14.9242, 1.5345
YIQ	90.3350, 106.3670, 16.1510

Conversions

Conversions Part 2

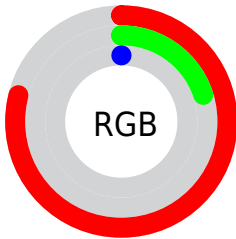
Format	Color
RYB	202, 68, 0
Decimal	13251328
CIELab	45.53, 57.44, 57.78
CIElCh	46, 81.469, 45.169
Yxy	14.9242, 0.6081, 0.3553
Android (android.graphics.Color)	4291441408 (0xFFCA3300)
YUV	90.3350, -44.5352, 97.9302
Hunter-Lab	38.6319, 50.4072, 24.6872

Details

The YUV color **90.3350, -44.5352, 97.9302** 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 **111.6650, 44.5352, -97.9302**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0250, -44.3823, 95.5711**, and **41.2620, -20.3422, 84.8392** is the 20% darker color. If you saturate the color by 10%, you get **90.3350, -44.5352, 97.9302**, and if you desaturate by 10%, it is **101.4200, -40.1401, 88.2087**.

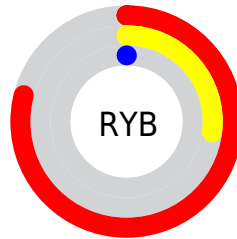
Distribution



Red (79%)

Green (20%)

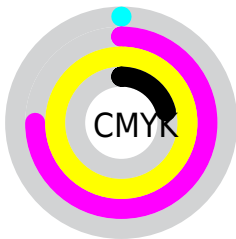
Blue (0%)



Red (79%)

Yellow (27%)

Blue (0%)

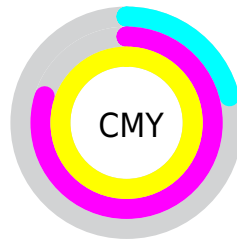


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (80%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.3350, -44.5352, 97.9302 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 90.3350, -44.5352, 97.9302 by changing the saturation by 10% instead.


 90.3350, -44.5352,
97.9302


 90.3350, -44.5352,
97.9302


 253.8600, -4.3680,
0.9998


 57.8740, -28.5319,
98.3345


 146.0250,
-44.3823, 95.5711

 41.2620, -20.3422,
84.8392


 165.3110,
-41.5653, 78.6573

 31.9930, -15.7725,
65.7811

 184.7110,
-38.3115, 61.6435

 23.1370, -10.9135,
47.2379

 204.6980,
-35.3471, 44.1149


 14.8790, -6.3493,
29.9241


 224.7990,
-31.9459, 26.4863


 0.0000, 0.0000,
0.0000


 245.0140,


-28.1079, 8.7577


 250.5540,
-17.0351, 3.8991

 90.3350, -44.5352,
97.9302

 101.4200,
-40.1401, 88.2087

 112.5050,
-35.7450, 78.4871

 123.7040,
-30.9131, 68.6656

 134.7890,
-26.5180, 58.9440

 146.4610,
-22.4123, 48.7077

■ 157.5460,
-18.0172, 38.9862

■ 168.6310,
-13.6221, 29.2646

■ 179.8300, -8.7902,
19.4431

■ 190.9150, -4.3951,
9.7215

Harmonies

Analogous

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



75.1560, 0.9091, 128.7822



90.3350, -44.5352, 97.9302



101.5450, -50.0617, 50.3880

Triad

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



90.3350, -44.5352, 97.9302



86.0510, -7.9131, -75.4667



89.2230, 75.3191, -78.2486

Complementary

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



90.3350, -44.5352, 97.9302



111.6650, 44.5352, -97.9302

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.



101.5500, 69.2419, -89.0593



90.3350, -44.5352, 97.9302



95.4330, 22.9575, -83.6947

Square

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



90.3350, -44.5352, 97.9302



75.1360, -37.0420, -65.8943



101.9140, 50.3284, -89.3786



107.5490, 48.0433, 37.2295

Rectangle

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



90.3350, -44.5352, 97.9302



100.4610, -49.5273, 18.8897



101.9140, 50.3284, -89.3786



94.9620, 74.4617, -83.2817

Sweetspot

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



90.3350, -44.5352, 97.9302



212.8770, -16.7014, 36.9419



77.7260, 36.6171, 108.9883



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.



90.3350, -44.5352, 97.9302



113.8130, -56.1098, 123.8210



149.6220, -73.7636, 45.9355



96.1640, -2.0529, 5.1182



74.2880, -36.6240, 80.4314



17.2320, -8.4954, 18.2135

Inverse Universe

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



111.6650, 44.5352, -97.9302



141.1870, 56.1098, -123.8210



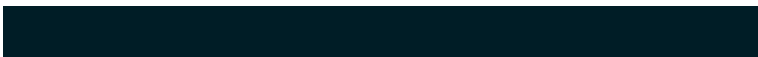
52.9650, 73.4743, -46.4503



97.2490, 2.3422, -4.6034



91.7120, 36.6240, -80.4314



21.3550, 8.2060, -18.7283

Previews

White Background



This preview shows how the YUV color 90.3350, -44.5352, 97.9302 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 90.3350, -44.5352, 97.9302 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 90.3350, -44.5352, 97.9302

Background



This preview shows how black text looks on a background with the YUV color 90.3350, -44.5352, 97.9302.



This preview shows how white text looks on a background with the YUV color 90.3350, -44.5352,

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

103.0830, -39.4809, 16.5902

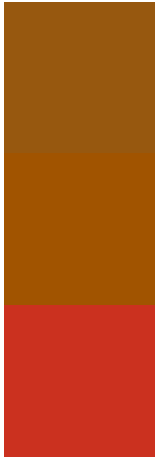
Deuteranopia

101.4240, -50.0020, 31.2002

Tritanopia

94.4590, -22.4113, 95.1905

Trichromacy



Protanomaly

98.5150, -41.1729, 46.0293

Deuteranomaly

97.4470, -48.0414, 55.7360

Tritanomaly

92.9940, -30.5630, 96.4753

Monochromacy



Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2790, -16.4065, 35.7123

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3350, -44.5352, 97.9302 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(202, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 51, 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(202, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 51, 0) }
```

Border

The CSS property to change the border of an element to YUV 90.3350, -44.5352, 97.9302 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(202, 51, 0) }
```

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

```
.border{ border-color:rgb(202, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 51, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 90.3350, -44.5352, 97.9302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 51, 0) }
```

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

```
.background{ background-color: rgb(202, 51,  
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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