

Converting Colors

YUV(91.8080, -45.2613,
97.5154)

Have a look what the booklet for
YUV(91.8080, -45.2613, 97.5154)
contains.

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Color

**YUV(91.8080, -45.2613,
97.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3500
RGB	203, 53, 0
RGB Percent	80%, 21%, 0%
CMY	0.2039, 0.7922, 1.0000
CMYK	0.00, 0.74, 1.00, 0.20
HSL	16°, 100%, 40%
HSV	16°, 100%, 80%
XYZ	25.9017, 15.2427, 1.5770
YIQ	91.8080, 106.4130, 15.3170

Conversions

Conversions Part 2

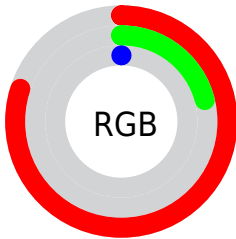
Format	Color
R_{YB}	203, 72, 0
Decimal	13317376
CIE Lab	45.96, 57.08, 58.08
CIE LCh	46, 81.434, 45.502
Yxy	15.2427, 0.6063, 0.3568
Android (android.graphics.Color)	4291507456 (0xFFCB3500)
YUV	91.8080, -45.2613, 97.5154
Hunter-Lab	39.0419, 50.0995, 24.9345

Details

The YUV color **91.8080, -45.2613, 97.5154** 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 **111.1920, 45.2613, -97.5154**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3130, -44.5243, 94.4415**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **91.8080, -45.2613, 97.5154**, and if you desaturate by 10%, it is **102.8930, -40.8662, 87.7938**.

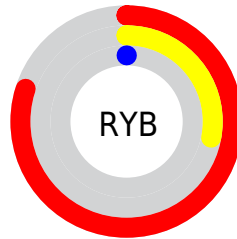
Distribution



Red (80%)

Green (21%)

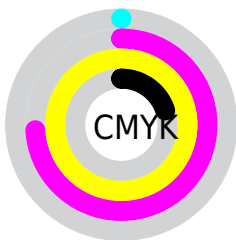
Blue (0%)



Red (80%)

Yellow (28%)

Blue (0%)

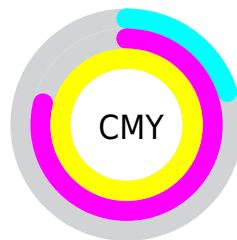


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (79%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.8080, -45.2613, 97.5154 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 91.8080, -45.2613, 97.5154 by changing the saturation by 10% instead.


 91.8080, -45.2613,
97.5154

 91.8080, -45.2613,
97.5154


 253.8600, -4.3680,
0.9998

 60.5210, -29.8369,
96.8901


 147.3130,
-44.5243, 94.4415

 41.5610, -20.4896,
85.4540


 166.5990,
-41.7073, 77.5277


 32.2920, -15.9200,
66.3959

 185.8850,
-38.8903, 60.6139

 23.3220, -11.4977,
47.9526

 205.9860,
-35.4891, 42.9853


 15.1780, -6.4968,
30.5389


 225.9730,
-32.5247, 25.4567


 0.0000, 0.0000,
0.0000

 246.1880,


-28.6867, 7.7281


 250.5540,
-17.0351, 3.8991


 91.8080, -45.2613,
97.5154

 102.8930,
-40.8662, 87.7938

 114.0920,
-36.0344, 77.9723

 125.1770,
-31.6393, 68.2508

 136.2620,
-27.2442, 58.5292

 147.4610,
-22.4123, 48.7077

■ 158.5460,
-18.0172, 38.9862

■ 169.6310,
-13.6221, 29.2646

■ 180.7160, -9.2270,
19.5431

■ 191.9150, -4.3951,
9.7215

Harmonies

Analogous

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



75.4550, 0.7617, 129.3970



91.8080, -45.2613, 97.5154



103.0180, -50.7879, 49.9732

Triad

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



91.8080, -45.2613, 97.5154



87.4530, -7.6183, -76.6963



89.9240, 75.4665, -78.8633

Complementary

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



91.8080, -45.2613, 97.5154



111.1920, 45.2613, -97.5154

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.



102.2510, 69.3893, -89.6741



91.8080, -45.2613, 97.5154



96.8350, 23.2523, -84.9243

Square

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



91.8080, -45.2613, 97.5154



75.7230, -37.3314, -66.4091



102.7290, 50.9126, -90.0933



108.8480, 47.8959, 37.8443

Rectangle

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



91.8080, -45.2613, 97.5154



101.6350, -50.1061, 17.8601



102.7290, 50.9126, -90.0933



95.6630, 74.6091, -83.8965

Sweetspot

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



91.8080, -45.2613, 97.5154



212.8770, -16.7014, 36.9419



78.0250, 36.4697, 109.6031



102.7980, -10.2534, 22.1022



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.



91.8080, -45.2613, 97.5154



115.5740, -56.9780, 122.2766



149.9210, -73.9111, 46.5503



96.1640, -2.0529, 5.1182



74.8750, -36.9134, 79.9166



17.2320, -8.4954, 18.2135

Inverse Universe

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



111.1920, 45.2613, -97.5154



139.4260, 56.9780, -122.2766



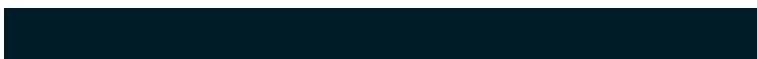
53.0790, 73.9111, -46.5503



97.2490, 2.3422, -4.6034



90.5380, 37.2028, -79.4018



20.7680, 8.4954, -18.2135

Previews

White Background



This preview shows how the YUV color 91.8080, -45.2613, 97.5154 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 91.8080, -45.2613, 97.5154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

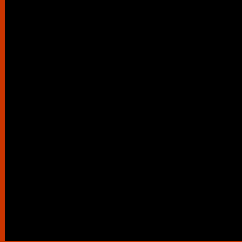
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.8080, -45.2613, 97.5154

Background



This preview shows how black text looks on a background with the YUV color 91.8080, -45.2613, 97.5154.



This preview shows how white text looks on a background with the YUV color 91.8080, -45.2613,

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

91.8080, -45.2613, 97.5154

Protanopia

104.2680, -40.0651, 17.3050

Deuteranopia

102.3100, -50.4388, 31.3001



Tritanopia

96.1600, -22.2639, 94.5757

Trichromacy



Original Color

91.8080, -45.2613, 97.5154

Protanomaly

99.7000, -41.7571, 46.7441

Deuteranomaly

98.3330, -48.4782, 55.8360

Tritanomaly

94.5810, -30.8524, 95.9605

Monochromacy



Original Color

91.8080, -45.2613, 97.5154

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.9800, -16.2591, 35.0975

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8080, -45.2613, 97.5154 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(203, 53, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 53, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 53, 0) }
```

Border

The CSS property to change the border of an element to YUV 91.8080, -45.2613, 97.5154 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(203, 53, 0) }
```


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

```
.border{ border-color:rgb(203, 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(203, 53, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 53, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 53, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 53, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.8080, -45.2613, 97.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 53, 0) }
```

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

```
.background{ background-color: rgb(203, 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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