

Converting Colors

YUV(92.6940, -45.6981,
97.6154)

Have a look what the booklet for
YUV(92.6940, -45.6981, 97.6154)
contains.

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Color

**YUV(92.6940, -45.6981,
97.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3600
RGB	204, 54, 0
RGB Percent	80%, 21%, 0%
CMY	0.2000, 0.7882, 1.0000
CMYK	0.00, 0.74, 1.00, 0.20
HSL	16°, 100%, 40%
HSV	16°, 100%, 80%
XYZ	26.2210, 15.4757, 1.6051
YIQ	92.6940, 106.7340, 15.0060

Conversions

Conversions Part 2

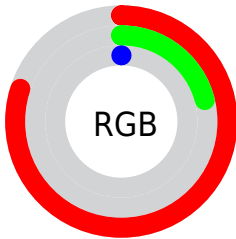
Format	Color
R_{YB}	204, 73, 0
Decimal	13383168
CIE _{Lab}	46.28, 57.05, 58.34
CIE _{LCh}	46, 81.596, 45.641
Yxy	15.4757, 0.6055, 0.3574
Android (android.graphics.Color)	4291573248 (0xFFCC3600)
YUV	92.6940, -45.6981, 97.6154
Hunter-Lab	39.3392, 50.1333, 25.1183

Details

The YUV color **92.6940, -45.6981, 97.6154** 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 **111.3060, 45.6981, -97.6154**, 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 **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **92.6940, -45.6981, 97.6154**, and if you desaturate by 10%, it is **103.7790, -41.3030, 87.8938**.

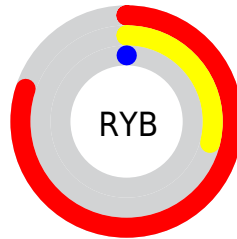
Distribution



Red (80%)

Green (21%)

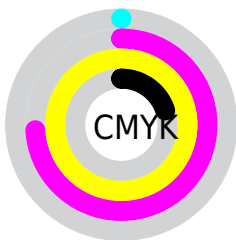
Blue (0%)



Red (80%)

Yellow (29%)

Blue (0%)

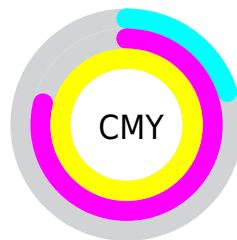


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6940, -45.6981, 97.6154 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 92.6940, -45.6981, 97.6154 by changing the saturation by 10% instead.

92.6940, -45.6981,
97.6154

92.6940, -45.6981,
97.6154

253.9740, -3.9312,
0.8998

61.9940, -30.5630,
96.4753

147.9000,
-44.8137, 93.9267

41.8600, -20.6370,
86.0688

167.1860,
-41.9967, 77.0129

32.5910, -16.0674,
67.0107

186.5860,
-38.7429, 59.9991

23.6210, -11.6452,
48.5674

205.9860,
-35.4891, 42.9853


15.4770, -6.6442,
31.1537


226.0870,
-32.0879, 25.3567

0.0000, 0.0000,
0.0000


246.7750,

-28.9761, 7.2133

 250.6680,
-16.5983, 3.7992

 92.6940, -45.6981,
97.6154

 103.7790,
-41.3030, 87.8938

 114.9780,
-36.4712, 78.0723

 126.0630,
-32.0761, 68.3507

 137.2620,
-27.2442, 58.5292

 148.3470,
-22.8491, 48.8077

■ 159.4320,
-18.4540, 39.0861

■ 170.6310,
-13.6221, 29.2646

■ 181.7160, -9.2270,
19.5431

■ 192.9150, -4.3951,
9.7215

Harmonies

Analogous

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



76.1670, 0.9037, 130.5265



92.6940, -45.6981, 97.6154



103.3170, -50.9353, 50.5880

Triad

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



92.6940, -45.6981, 97.6154



87.5670, -7.1815, -76.7963



90.6250, 75.6139, -79.4781

Complementary

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



92.6940, -45.6981, 97.6154



111.3060, 45.6981, -97.6154

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.



102.9520, 69.5367, -90.2889



92.6940, -45.6981, 97.6154



96.9490, 23.6891, -85.0243

Square

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



92.6940, -45.6981, 97.6154



76.3100, -37.6208, -66.9239



103.4300, 51.0600, -90.7081



109.2610, 48.1853, 38.3591

Rectangle

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



92.6940, -45.6981, 97.6154



101.9340, -50.2535, 18.4749



103.4300, 51.0600, -90.7081



95.7770, 75.0459, -83.9964

Sweetspot

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



92.6940, -45.6981, 97.6154



213.4640, -16.9908, 36.4271



78.4380, 36.7591, 110.1179



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.



92.6940, -45.6981, 97.6154



115.5740, -56.9780, 122.2766



150.8070, -74.3479, 46.6503



96.7510, -2.3422, 4.6034



75.4620, -37.2028, 79.4018



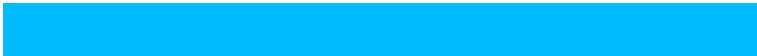
17.2320, -8.4954, 18.2135

Inverse Universe

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



111.3060, 45.6981, -97.6154



139.4260, 56.9780, -122.2766



53.1930, 74.3479, -46.6503



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 92.6940, -45.6981, 97.6154 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 92.6940, -45.6981, 97.6154 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 92.6940, -45.6981, 97.6154

Background



This preview shows how black text looks on a background with the YUV color 92.6940, -45.6981, 97.6154.



This preview shows how white text looks on a background with the YUV color 92.6940, -45.6981,

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

92.6940, -45.6981, 97.6154

Protanopia

104.8550, -40.3545, 16.7902

Deuteranopia

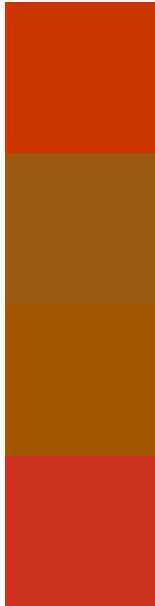
103.1960, -50.8756, 31.4001



Tritanopia

96.5730, -21.9745, 95.0905

Trichromacy



Original Color

92.6940, -45.6981, 97.6154

Protanomaly

100.2870, -42.0465, 46.2293

Deuteranomaly

99.2190, -48.9150, 55.9359

Tritanomaly

94.9940, -30.5630, 96.4753

Monochromacy



Original Color

92.6940, -45.6981, 97.6154

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8660, -16.6959, 35.1975

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6940, -45.6981, 97.6154 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(204, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 54, 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(204, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 54, 0) }
```

Border

The CSS property to change the border of an element to YUV 92.6940, -45.6981, 97.6154 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(204, 54, 0) }
```


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

```
.border{ border-color:rgb(204, 54, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 54, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 92.6940, -45.6981, 97.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 54, 0) }
```

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

```
.background{ background-color: rgb(204, 54,  
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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