

Converting Colors

YUV(95.3520, -47.0085,
97.9153)

Have a look what the booklet for
YUV(95.3520, -47.0085, 97.9153)
contains.

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Color

**YUV(95.3520, -47.0085,
97.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3900
RGB	207, 57, 0
RGB Percent	81%, 22%, 0%
CMY	0.1882, 0.7765, 1.0000
CMYK	0.00, 0.72, 1.00, 0.19
HSL	17°, 100%, 41%
HSV	17°, 100%, 81%
XYZ	27.1953, 16.1917, 1.6920
YIQ	95.3520, 107.6970, 14.0730

Conversions

Conversions Part 2

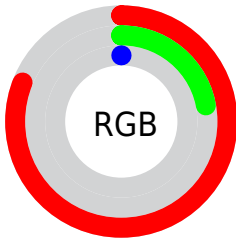
Format	Color
R_{YB}	207, 79, 0
Decimal	13580544
CIE Lab	47.22, 56.95, 59.10
CIE LCh	47, 82.076, 46.060
Yxy	16.1917, 0.6033, 0.3592
Android (android.graphics.Color)	4291770624 (0xFFCF3900)
YUV	95.3520, -47.0085, 97.9153
Hunter-Lab	40.2389, 50.2205, 25.6742

Details

The YUV color **95.3520, -47.0085, 97.9153** 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 **111.6480, 47.0085, -97.9153**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6610, -45.6819, 92.3823**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **95.3520, -47.0085, 97.9153**, and if you desaturate by 10%, it is **106.5510, -42.1766, 88.0938**.

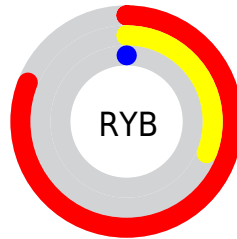
Distribution



Red (81%)

Green (22%)

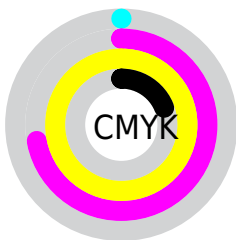
Blue (0%)



Red (81%)

Yellow (31%)

Blue (0%)

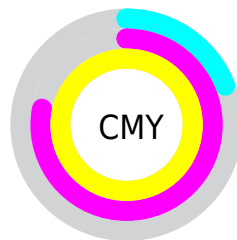


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (78%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 95.3520, -47.0085, 97.9153 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 95.3520, -47.0085, 97.9153 by changing the saturation by 10% instead.


 95.3520, -47.0085,
97.9153

 95.3520, -47.0085,
97.9153


 254.0880, -3.4944,
0.7998


 65.8260, -32.4522,
95.7456


 149.6610,
-45.6819, 92.3823


 42.7570, -21.0792,
87.9131


 168.4740,
-42.1387, 75.8833


 33.4880, -16.5096,
68.8550


 188.4610,
-39.1743, 58.3547

 24.2190, -11.9400,
49.7969

 207.8610,
-35.9205, 41.3409

 16.3740, -7.0864,
32.9980

 227.9620,
-32.5193, 23.7123


 1.4950, -0.7370,
3.0739


 247.4760,


 0.0000, 0.0000,


-28.8287, 6.5985

0.0000

 250.7820,
-16.1615, 3.6992


 95.3520, -47.0085,
97.9153

 106.5510,
-42.1766, 88.0938

 117.6360,
-37.7815, 78.3722

 128.8350,
-32.9497, 68.5507

 140.0340,
-28.1178, 58.7292

 151.2330,
-23.2859, 48.9077

■ 162.3180,
-18.8908, 39.1861

■ 173.5170,
-14.0589, 29.3646

■ 184.7160, -9.2270,
19.5431

■ 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



95.3520, -47.0085, 97.9153



105.6760, -52.0983, 50.2731

Triad

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



95.3520, -47.0085, 97.9153



89.6700, -6.7393, -78.6406



92.1410, 76.3455, -80.8077

Complementary

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



95.3520, -47.0085, 97.9153



111.6480, 47.0085, -97.9153

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.



104.5820, 70.7051, -91.7184



95.3520, -47.0085, 97.9153



99.1660, 24.5682, -86.9686

Square

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



95.3520, -47.0085, 97.9153



78.0710, -38.4890, -68.4683



105.6470, 51.9390, -92.6524



111.8590, 47.8905, 39.5887

Rectangle

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



95.3520, -47.0085, 97.9153



104.2930, -51.4164, 18.1600



105.6470, 51.9390, -92.6524



97.4070, 76.2143, -85.4259

Sweetspot

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



95.3520, -47.0085, 97.9153



214.0510, -17.2801, 35.9123



79.2210, 35.8800, 112.0622



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.



95.3520, -47.0085, 97.9153



117.3350, -57.8462, 120.7322



155.2260, -76.5264, 45.4058



99.0500, -2.4897, 5.2181



77.2340, -38.0764, 79.6018



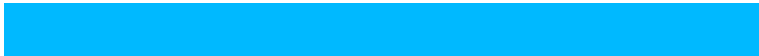
18.7160, -9.2270, 19.5431

Inverse Universe

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



111.6480, 47.0085, -97.9153



137.6650, 57.8462, -120.7322



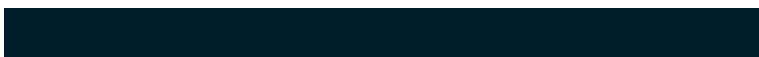
51.7740, 76.5264, -45.4058



99.9500, 2.4897, -5.2181



90.7660, 38.0764, -79.6018



22.2840, 9.2270, -19.5431

Previews

White Background



This preview shows how the YUV color 95.3520, -47.0085, 97.9153 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 95.3520, -47.0085, 97.9153 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 95.3520, -47.0085, 97.9153

Background



This preview shows how black text looks on a background with the YUV color 95.3520, -47.0085, 97.9153.



This preview shows how white text looks on a background with the YUV color 95.3520, -47.0085,

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

95.3520, -47.0085, 97.9153

Protanopia

106.9260, -41.3755, 17.6049

Deuteranopia

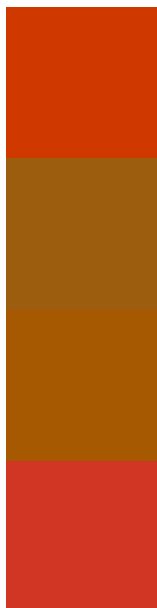
105.2670, -51.8966, 32.2148



Tritanopia

99.5730, -21.9745, 95.0905

Trichromacy



Original Color

95.3520, -47.0085, 97.9153

Protanomaly

102.9450, -43.3569, 46.5292

Deuteranomaly

101.8770, -50.2254, 56.2359

Tritanomaly

97.8800, -30.9998, 96.5752

Monochromacy



Original Color

95.3520, -47.0085, 97.9153

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0510, -17.2801, 35.9123

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3520, -47.0085, 97.9153 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, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 57, 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, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 57, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.3520, -47.0085, 97.9153 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, 57, 0) }
```


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

```
.border{ border-color:rgb(207, 57, 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, 57, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.3520, -47.0085, 97.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 57, 0) }
```

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

```
.background{ background-color: rgb(207, 57,  
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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