

Converting Colors

YUV(109.1500, -43.9509,
97.2154)

Have a look what the booklet for
YUV(109.1500, -43.9509, 97.2154)
contains.

YUV(109.1500, -43.9509, 97.2154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.1500, -43.9509,
97.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4614
RGB	220, 70, 20
RGB Percent	86%, 27%, 8%
CMY	0.1373, 0.7255, 0.9216
CMYK	0.00, 0.68, 0.91, 0.14
HSL	15°, 83%, 47%
HSV	15°, 91%, 86%
XYZ	31.8316, 19.6465, 2.7763
YIQ	109.1500, 105.4500, 16.2500

Conversions

Conversions Part 2

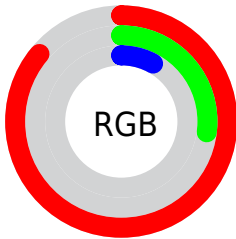
Format	Color
R_{YB}	220, 87, 20
Decimal	14435860
CIE Lab	51.44, 56.56, 57.40
CIE LCh	51, 80.582, 45.425
Yxy	19.6465, 0.5867, 0.3621
Android (android.graphics.Color)	4292625940 (0xFFDC4614)
YUV	109.1500, -43.9509, 97.2154
Hunter-Lab	44.3243, 50.6226, 27.3134

Details

The YUV color **109.1500, -43.9509, 97.2154** 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 **130.8500, 43.9509, -97.2154**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4150, -42.6026, 84.7050**, and **46.6440, -22.9955, 95.9052** is the 20% darker color. If you saturate the color by 10%, you get **98.0650, -48.3460, 106.9370**, and if you desaturate by 10%, it is **121.0500, -38.9716, 86.7792**.

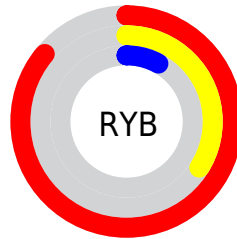
Distribution



Red (86%)

Green (27%)

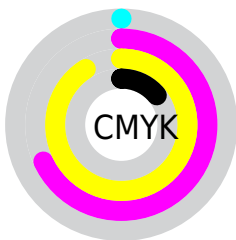
Blue (8%)



Red (86%)

Yellow (34%)

Blue (8%)

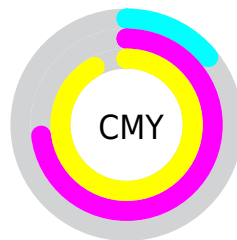


Cyan (0%)

Magenta (68%)

Yellow (91%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1500, -43.9509, 97.2154 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 109.1500, -43.9509, 97.2154 by changing the saturation by 10% instead.

109.1500,
-43.9509, 97.2154

109.1500,
-43.9509, 97.2154

255.0000, 0.0000,
0.0000

79.6920, -39.2882,
94.9861

158.4150,
-42.6026, 84.7050

46.6440, -22.9955,
95.9052

177.7010,
-39.7856, 67.7912

37.3750, -18.4259,
76.8471

197.1010,
-36.5318, 50.7774

28.1060, -13.8563,
57.7890

217.2020,
-33.1306, 33.1488

19.9620, -8.8553,
40.3753

237.3030,
-29.7294, 15.5203

9.9810, -4.4276,
20.1877

249.3000,

0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.4920, -9.6096,
2.1995

109.1500,
-43.9509, 97.2154

109.1500,
-43.9509, 97.2154

98.0650, -48.3460,
106.9370

121.0500,
-38.9716, 86.7792

133.5370,
-34.2817, 75.8281

145.4370,
-29.3024, 65.3918

157.9240,
-24.6125, 54.4407

170.4110,
-19.9226, 43.4896

■ 182.3110,
-14.9433, 33.0533

■ 194.2110, -9.9640,
22.6170

■ 206.6980, -5.2741,
11.6659

■ 219.1850, -0.5842,
0.7148

Harmonies

Analogous

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



91.5260, -0.2593, 130.2117



109.1500, -43.9509, 97.2154



115.4330, -56.9085, 53.1173

Triad

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



109.1500, -43.9509, 97.2154



97.1530, -5.9914, -85.2032



98.9230, 76.9460, -86.7555

Complementary

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



109.1500, -43.9509, 97.2154



130.8500, 43.9509, -97.2154

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.



111.2500, 70.8688, -97.5662



109.1500, -43.9509, 97.2154



107.2360, 25.0267, -94.0460

Square

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



109.1500, -43.9509, 97.2154



83.9410, -41.3829, -73.6163



113.1300, 52.6869, -99.2150



123.8480, 47.8959, 37.8443

Rectangle

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



109.1500, -43.9509, 97.2154



114.0500, -56.2266, 21.0042



113.1300, 52.6869, -99.2150



104.2060, 74.3414, -91.3887

Sweetspot

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



109.1500, -43.9509, 97.2154



216.6100, -15.0907, 33.6680



96.9000, 36.0383, 107.9587



105.1290, -8.9376, 20.0579



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.



109.1500, -43.9509, 97.2154



113.8130, -56.1098, 123.8210



167.8500, -72.8901, 45.7356



103.4630, -2.2003, 5.7329



76.9680, -37.9452, 84.2201



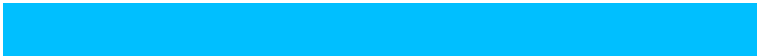
20.2110, -9.9640, 22.6170

Inverse Universe

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



130.8500, 43.9509, -97.2154



141.1870, 56.1098, -123.8210



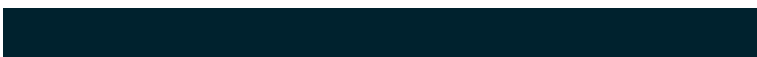
72.1500, 72.8901, -45.7355



104.9500, 2.4896, -5.2182



96.0320, 37.9452, -84.2201



25.2020, 10.2534, -22.1022

Previews

White Background



This preview shows how the YUV color 109.1500, -43.9509, 97.2154 looks on a white 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

Black Background



This preview shows how the YUV color 109.1500, -43.9509, 97.2154 looks on a black 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

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

YUV 109.1500, -43.9509, 97.2154 Background



This preview shows how black text looks on a background with the YUV color 109.1500, -43.9509, 97.2154.



This preview shows how white text looks on a background with the YUV color 109.1500, -43.9509, 97.2154.

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

109.1500, -43.9509, 97.2154

Protanopia

117.2250, -41.5229, 18.2197

Deuteranopia

115.3230, -56.8542, 35.6737



Tritanopia

112.6870, -21.5377, 94.9905

Trichromacy



Original Color

109.1500, -43.9509, 97.2154

Protanomaly

114.4720, -42.6307, 46.9441

Deuteranomaly

113.0190, -52.2674, 57.8653

Tritanomaly

111.2220, -29.6894, 96.2753

Monochromacy



Original Color

109.1500, -43.9509, 97.2154

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0940, -15.8223, 34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1500, -43.9509, 97.2154 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(220, 70, 20)` looks like.

```
.text, #text, p{  
    color:rgb(220, 70, 20)  
}
```

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(220, 70, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 70, 20) }
```

Border

The CSS property to change the border of an element to YUV 109.1500, -43.9509, 97.2154 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(220, 70, 20) }
```


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

```
.border{ border-color:rgb(220, 70, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 70, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 70, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 70, 20);  
box-shadow:4px 4px 4px 4px rgb(220, 70,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 109.1500, -43.9509, 97.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 70, 20) }
```

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

```
.background{ background-color: rgb(220, 70,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor