

Converting Colors

YUV(95.9170, -47.2871,
93.9118)

Have a look what the booklet for
YUV(95.9170, -47.2871, 93.9118)
contains.

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Color

**YUV(95.9170, -47.2871,
93.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3C00
RGB	203, 60, 0
RGB Percent	80%, 24%, 0%
CMY	0.2039, 0.7647, 1.0000
CMYK	0.00, 0.70, 1.00, 0.20
HSL	18°, 100%, 40%
HSV	18°, 100%, 80%
XYZ	26.2445, 15.9282, 1.6912
YIQ	95.9170, 104.4880, 11.6560

Conversions

Conversions Part 2

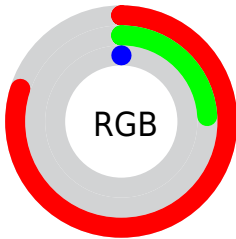
Format	Color
R_{YB}	203, 85, 0
Decimal	13319168
CIE _{Lab}	46.88, 54.55, 58.51
CIE _{LCh}	47, 79.999, 47.006
Yxy	15.9282, 0.5983, 0.3631
Android (android.graphics.Color)	4291509248 (0xFFCB3C00)
YUV	95.9170, -47.2871, 93.9118
Hunter-Lab	39.9102, 47.5366, 25.4247

Details

The YUV color **95.9170, -47.2871, 93.9118** 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 **107.0830, 47.2871, -93.9118**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9490, -45.8239, 91.2527**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **95.9170, -47.2871, 93.9118**, and if you desaturate by 10%, it is **106.4150, -42.6026, 84.7050**.

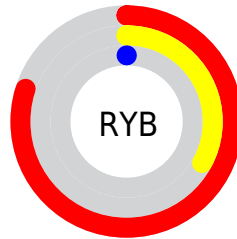
Distribution



Red (80%)

Green (24%)

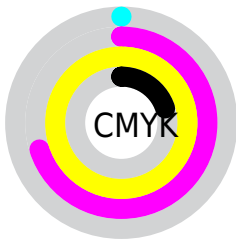
Blue (0%)



Red (80%)

Yellow (33%)

Blue (0%)

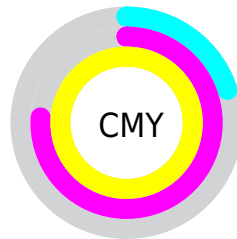


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 95.9170, -47.2871, 93.9118 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 95.9170, -47.2871, 93.9118 by changing the saturation by 10% instead.


 95.9170, -47.2871,
93.9118

 95.9170, -47.2871,
93.9118


 254.0880, -3.4944,
0.7998

 67.5650, -33.3095,
90.7125


 150.9490,
-45.8239, 91.2527

 41.8600, -20.6370,
86.0688


 169.6480,
-42.7175, 74.8537


 32.2920, -15.9200,
66.3959

 189.0480,
-39.4637, 57.8399

 23.3220, -11.4977,
47.9526

 209.0350,
-36.4993, 40.3113


 15.4770, -6.6442,
31.1537


 229.1360,
-33.0980, 22.6827


 0.0000, 0.0000,
0.0000


 247.5900,


-28.3919, 6.4986


 250.7820,
-16.1615, 3.6992

 95.9170, -47.2871,
93.9118

 106.4150,
-42.6026, 84.7050

 117.6140,
-37.7707, 74.8835

 128.1120,
-33.0862, 65.6768

 138.6100,
-28.4017, 56.4700

 149.8090,
-23.5698, 46.6485

■ 160.3070,
-18.8854, 37.4418

■ 170.8050,
-14.2009, 28.2350

■ 181.3030, -9.5164,
19.0283

■ 192.5020, -4.6845,
9.2067

Harmonies

Analogous

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



75.7540, 0.6143, 130.0117



95.9170, -47.2871, 93.9118



105.0670, -51.7980, 47.2992

Triad

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



95.9170, -47.2871, 93.9118



89.3110, -5.5763, -78.3257



90.3970, 74.7403, -79.2782

Complementary

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



95.9170, -47.2871, 93.9118



107.0830, 47.2871, -93.9118

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



95.9170, -47.2871, 93.9118



98.5790, 24.8576, -86.4538

Square

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



95.9170, -47.2871, 93.9118



77.4840, -38.1996, -67.9535



104.2450, 51.6442, -91.4229



111.0010, 45.8485, 41.2181

Rectangle

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



95.9170, -47.2871, 93.9118



103.3960, -50.9742, 16.3157



104.2450, 51.6442, -91.4229



96.2500, 74.3197, -84.4112

Sweetspot

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



95.9170, -47.2871, 93.9118



214.6380, -17.5695, 35.3975



77.2270, 33.4121, 110.3029



103.3850, -10.5428, 21.5874



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.



95.9170, -47.2871, 93.9118



120.2700, -59.2931, 118.1582



154.0300, -75.9368, 42.9467



96.7510, -2.3422, 4.6034



78.3970, -38.6497, 76.8278



17.8190, -8.7848, 17.6987

Inverse Universe

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



107.0830, 47.2871, -93.9118



134.7300, 59.2931, -118.1582



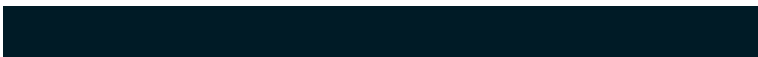
48.9700, 75.9368, -42.9467



97.2490, 2.3422, -4.6034



87.6030, 38.6497, -76.8278



20.1810, 8.7848, -17.6987

Previews

White Background



This preview shows how the YUV color 95.9170, -47.2871, 93.9118 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 95.9170, -47.2871, 93.9118 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 95.9170, -47.2871, 93.9118

Background



This preview shows how black text looks on a background with the YUV color 95.9170, -47.2871, 93.9118.



This preview shows how white text looks on a background with the YUV color 95.9170, -47.2871,

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

105.9260, -41.3755, 17.6049

Deuteranopia

104.3810, -51.4598, 32.1149

Tritanopia

100.4800, -20.9426, 90.7870

Trichromacy



Protanomaly

102.2330, -43.4989, 45.3997

Deuteranomaly

101.2790, -49.9305, 55.0063

Tritanomaly

98.6730, -30.4048, 92.3718

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0400, -17.2747, 34.1679

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9170, -47.2871, 93.9118 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, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 60, 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, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 60, 0) }
```

Border

The CSS property to change the border of an element to YUV 95.9170, -47.2871, 93.9118 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, 60, 0) }
```

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

```
.border{ border-color:rgb(203, 60, 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, 60, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 60, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 60, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 60, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 95.9170, -47.2871, 93.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 60, 0) }
```

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

```
.background{ background-color: rgb(203, 60,  
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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