

# Converting Colors

YUV(115.2630, -45.4857,  
76.0683)

Have a look what the booklet for  
YUV(115.2630, -45.4857, 76.0683)  
contains.

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# Color

**YUV(115.2630, -45.4857,  
76.0683)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA5917
RGB	202, 89, 23
RGB Percent	79%, 35%, 9%
CMY	0.2078, 0.6510, 0.9098
CMYK	0.00, 0.56, 0.89, 0.21
HSL	22°, 80%, 44%
HSV	22°, 89%, 79%
XYZ	28.0842, 19.7632, 3.1451
YIQ	115.2630, 88.5340, 3.4300

# Conversions

## Conversions Part 2

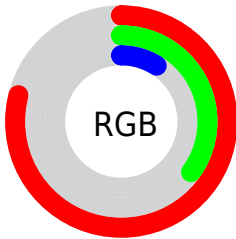
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 128, 23</a>
Decimal	<a href="#">13261079</a>
CIELab	<a href="#">51.57, 41.78, 55.13</a>
CIElCh	<a href="#">52, 69.176, 52.843</a>
Yxy	<a href="#">19.7632, 0.5508, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4291451159</a> ( <a href="#">0xFFCA5917</a> )
YUV	<a href="#">115.2630, -45.4857, 76.0683</a>
Hunter-Lab	<a href="#">44.4558, 34.9666, 26.9245</a>

# Details

The YUV color **115.2630, -45.4857, 76.0683** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **109.7370, 45.4857, -76.0683**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1490, -45.9225, 76.1683**, and **63.8780, -31.4919, 67.6360** is the 20% darker color. If you saturate the color by 10%, you get **105.3520, -50.4595, 84.7603**, and if you desaturate by 10%, it is **125.1740, -40.5118, 67.3764**.

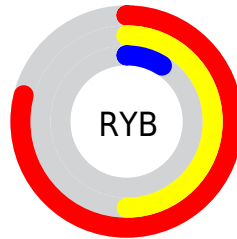
# Distribution



Red (79%)

Green (35%)

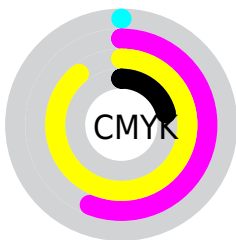
Blue (9%)



Red (79%)

Yellow (50%)

Blue (9%)

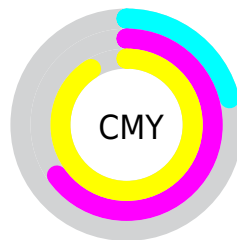


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (21%)



Cyan (21%)

Magenta (65%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.2630, -45.4857, 76.0683 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 115.2630, -45.4857, 76.0683 by changing the saturation by 10% instead.



■ 115.2630,  
-45.4857, 76.0683

■ 115.2630,  
-45.4857, 76.0683

■ 255.0000, 0.0000,  
0.0000

■ 88.1100, -43.4382,  
72.6945

■ 168.1490,  
-45.9225, 76.1683

■ 63.8780, -31.4919,  
67.6360

■ 186.8480,  
-42.8161, 59.7693

■ 35.8250, -17.6617,  
65.0515

■ 206.3620,  
-39.1255, 42.6555

■ 24.2190, -11.9400,  
49.7969

■ 225.7620,  
-35.8717, 25.6417

■ 16.2600, -7.5232,  
33.0980

■ 245.9770,  
-32.0337, 7.9132

■ 4.1860, -2.0637,  
8.6069

■ 249.7560,

■ 0.0000, 0.0000,

-20.0927, 4.5990

0.0000

252.9480, -7.8624,  
1.7996

115.2630,  
-45.4857, 76.0683

115.2630,  
-45.4857, 76.0683

105.3520,  
-50.4595, 84.7603

125.1740,  
-40.5118, 67.3764

103.8360,  
-51.1911, 86.0898

135.0850,  
-35.5379, 58.6845

144.5230,  
-29.8378, 50.4073

154.4340,  
-24.8640, 41.7154

164.3450,  
-19.8901, 33.0234

■ 174.2560,  
-14.9162, 24.3315

■ 183.5800, -9.6529,  
16.1543

■ 193.6050, -4.2423,  
7.3624

■ 203.5160, 0.7316,  
-1.3295

# Harmonies

## Analogous

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



111.7290, -15.1494, 99.3387



115.2630, -45.4857, 76.0683



115.3450, -56.8651, 39.1624

# Triad

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



115.2630, -45.4857, 76.0683



98.9600, 3.4707, -86.7879



118.3080, 56.5432, -29.2111

# Complementary

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



115.2630, -45.4857, 76.0683



109.7370, 45.4857, -76.0683

# 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.



106.1320, 66.4899, -93.0778



115.2630, -45.4857, 76.0683



106.5010, 29.8260, -93.4014

# Square

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



115.2630, -45.4857, 76.0683



88.9570, -22.1638, -78.0153



109.8530, 52.8235, -96.3411



124.4720, 34.7703, 47.8211



# Rectangle

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



115.2630, -45.4857, 76.0683



112.5110, -55.4679, 10.9529



109.8530, 52.8235, -96.3411



98.8600, 69.0890, -86.7002

# Sweetspot

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



115.2630, -45.4857, 76.0683



221.8930, -17.6952, 29.0348



89.4030, 22.9723, 98.7476



108.0640, -10.3846, 17.4839



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.



115.2630, -45.4857, 76.0683



131.4230, -64.7915, 108.3770



167.5060, -71.2415, 30.2512



97.3380, -2.6316, 4.0886



85.4410, -42.1224, 70.6502



19.5800, -9.6529, 16.1543

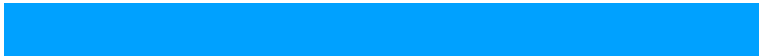


# Inverse Universe

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



109.7370, 45.4857, -76.0683



123.5770, 64.7915, -108.3770



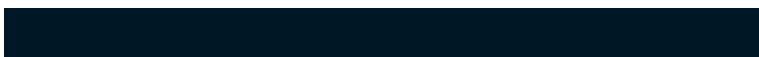
57.4940, 71.2415, -30.2512



96.6620, 2.6316, -4.0886



80.5590, 42.1224, -70.6502



18.4200, 9.6529, -16.1543



# Previews

## White Background



This preview shows how the YUV color 115.2630, -45.4857, 76.0683 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 115.2630, -45.4857, 76.0683 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 115.2630, -45.4857, 76.0683

## Background



This preview shows how black text looks on a background with the YUV color 115.2630, -45.4857, 76.0683.



This preview shows how white text looks on a background with the YUV color 115.2630, -45.4857,



# 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

115.2630, -45.4857, 76.0683

### Protanopia

117.9970, -42.3965, 18.4196

### Deuteranopia

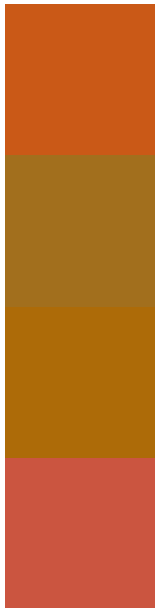
115.3230, -56.8542, 35.6737



## Tritanopia

119.7490, -15.6523, 73.8881

# Trichromacy



## Original Color

115.2630, -45.4857, 76.0683

## Protanomaly

116.9010, -43.3352, 39.5518

## Deuteranomaly

115.4480, -52.9719, 50.4731

## Tritanomaly

117.8880, -26.5668, 74.6432

# Monochromacy



## Original Color

115.2630, -45.4857, 76.0683

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

115.5230, -16.5268, 27.6053

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.2630, -45.4857, 76.0683 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(202, 89, 23)` looks like.

```
.text, #text, p{  
    color:rgb(202, 89, 23)  
}
```

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(202, 89, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 89, 23) }
```

## Border

The CSS property to change the border of an element to YUV 115.2630, -45.4857, 76.0683 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(202, 89, 23) }
```



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

```
.border{ border-color:rgb(202, 89, 23) }
```

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

Here you see how a box with a 4 pixel rgb(202, 89, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 89, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 89, 23);  
box-shadow:4px 4px 4px 4px rgb(202, 89,  
23) }
```

# Background

The CSS property to change the background color of an element to YUV 115.2630, -45.4857, 76.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 89, 23) }
```

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

```
.background{ background-color: rgb(202, 89,  
23) }
```

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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