

Converting Colors

YUV(123.7300, -43.7439,
77.4128)

Have a look what the booklet for
YUV(123.7300, -43.7439, 77.4128)
contains.

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Color

**YUV(123.7300, -43.7439,
77.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	D46023
RGB	212, 96, 35
RGB Percent	83%, 38%, 14%
CMY	0.1686, 0.6235, 0.8627
CMYK	0.00, 0.55, 0.83, 0.17
HSL	21°, 72%, 48%
HSV	21°, 83%, 83%
XYZ	31.6376, 22.4841, 4.2625
YIQ	123.7300, 88.7170, 5.6210

Conversions

Conversions Part 2

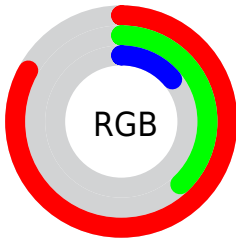
Format	Color
RYB	212, 128, 35
Decimal	13918243
CIELab	54.54, 42.48, 53.71
CIELCh	55, 68.475, 51.658
Yxy	22.4841, 0.5419, 0.3851
Android (android.graphics.Color)	4292108323 (0xFFD46023)
YUV	123.7300, -43.7439, 77.4128
Hunter-Lab	47.4174, 36.1173, 27.8625

Details

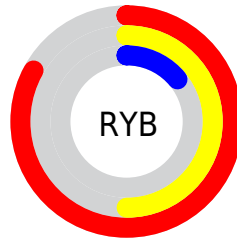
The YUV color **123.7300, -43.7439, 77.4128** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **123.2700, 43.7439, -77.4128**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3980, -43.5802, 71.5650**, and **70.6780, -34.8443, 69.5654** is the 20% darker color. If you saturate the color by 10%, you get **113.1180, -48.8652, 86.7195**, and if you desaturate by 10%, it is **134.3420, -38.6226, 68.1061**.

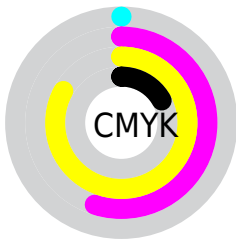
Distribution



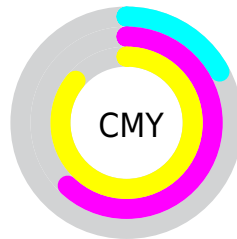
- Red (83%)
- Green (38%)
- Blue (14%)



- Red (83%)
- Yellow (50%)
- Blue (14%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (17%)



- Cyan (17%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7300, -43.7439, 77.4128 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 123.7300, -43.7439, 77.4128 by changing the saturation by 10% instead.

123.7300,
-43.7439, 77.4128

123.7300,
-43.7439, 77.4128

255.0000, 0.0000,
0.0000

95.7790, -44.7540,
74.7388

173.3980,
-43.5802, 71.5650

70.6780, -34.8443,
69.5654

192.7980,
-40.3264, 54.5512

44.0980, -21.7403,
66.5661

212.1980,
-37.0726, 37.5374

26.9100, -13.2666,
55.3299

231.7120,
-33.3820, 20.4236

18.5380, -9.1392,
38.1162

247.8180,
-27.5183, 6.2986

9.9810, -4.4276,
20.1877

251.0100,

0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 123.7300,
-43.7439, 77.4128

■ 123.7300,
-43.7439, 77.4128

■ 113.1180,
-48.8652, 86.7195

■ 134.3420,
-38.6226, 68.1061

■ 106.2390,
-52.3758, 92.7524

■ 144.9540,
-33.5013, 58.7993

■ 155.6800,
-27.9432, 49.3926

■ 166.2920,
-22.8220, 40.0859

■ 176.3170,
-17.4113, 31.2940

■ 186.9290,
-12.2900, 21.9873

■ 197.5410, -7.1687,
12.6805

■ 208.2670, -1.6106,
3.2738

■ 218.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



121.1310, -14.8546, 98.1091



123.7300, -43.7439, 77.4128



122.7430, -60.5123, 42.3214

Triad

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



123.7300, -43.7439, 77.4128



104.2260, 3.3396, -91.4062



126.1120, 57.1328, -31.6702

Complementary

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



123.7300, -43.7439, 77.4128



123.2700, 43.7439, -77.4128

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.



112.2130, 66.9430, -98.4108



123.7300, -43.7439, 77.4128



111.8810, 30.1317, -98.1196

Square

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



123.7300, -43.7439, 77.4128



100.6160, -24.9537, -69.8232



115.2330, 53.1291, -101.0593



133.2760, 35.3599, 45.3619

Rectangle

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



123.7300, -43.7439, 77.4128



119.9090, -59.1151, 14.1118



115.2330, 53.1291, -101.0593



104.4680, 70.2683, -91.6184

Sweetspot

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



123.7300, -43.7439, 77.4128



223.0500, -15.8006, 28.0202



101.3750, 25.4511, 97.0181



108.2920, -9.5110, 17.2839



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.



123.7300, -43.7439, 77.4128



127.9010, -63.0552, 111.4658



174.7990, -68.9209, 32.6253



101.6370, -2.7790, 4.7034



85.7620, -42.2807, 74.7537



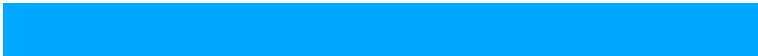
21.6620, -10.6794, 18.7134

Inverse Universe

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



123.2700, 43.7439, -77.4128



127.0990, 63.0552, -111.4658



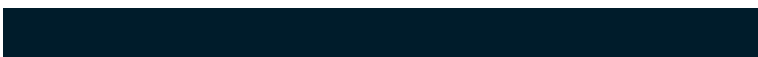
72.7880, 68.6315, -33.1401



101.3630, 2.7790, -4.7034



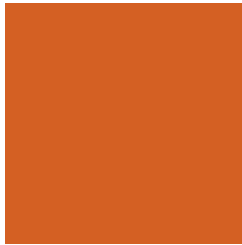
85.2380, 42.2807, -74.7537



21.3380, 10.6794, -18.7134

Previews

White Background



This preview shows how the YUV color 123.7300, -43.7439, 77.4128 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 123.7300, -43.7439, 77.4128 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 123.7300, -43.7439, 77.4128

Background



This preview shows how black text looks on a background with the YUV color 123.7300, -43.7439, 77.4128.



This preview shows how white text looks on a background with the YUV color 123.7300, -43.7439, 77.4128.

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

123.7300, -43.7439, 77.4128

Protanopia

125.8660, -40.3599, 18.5345

Deuteranopia

124.6310, -50.5971, 35.4036



Tritanopia

127.7600, -15.6577, 75.6325

Trichromacy



Original Color

123.7300, -43.7439, 77.4128

Protanomaly

125.0690, -41.4460, 40.2815

Deuteranomaly

124.4140, -48.0251, 50.5029

Tritanomaly

126.1270, -25.6986, 76.1876

Monochromacy



Original Color

123.7300, -43.7439, 77.4128

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0500, -15.8006, 28.0202

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7300, -43.7439, 77.4128 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(212, 96, 35)` looks like.

```
.text, #text, p{  
    color:rgb(212, 96, 35)  
}
```

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(212, 96, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 96, 35) }
```

Border

The CSS property to change the border of an element to YUV 123.7300, -43.7439, 77.4128 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(212, 96, 35) }
```


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

```
.border{ border-color:rgb(212, 96, 35) }
```

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

Here you see how a box with a 4 pixel rgb(212, 96, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 96, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 96, 35);  
box-shadow:4px 4px 4px 4px rgb(212, 96,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 123.7300, -43.7439, 77.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 96, 35) }
```

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

```
.background{ background-color: rgb(212, 96,  
35) }
```

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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