

Converting Colors

YUV(112.0180, -43.8859,
76.2832)

Have a look what the booklet for
YUV(112.0180, -43.8859, 76.2832)
contains.

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Color

**YUV(112.0180, -43.8859,
76.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	C75517
RGB	199, 85, 23
RGB Percent	78%, 33%, 9%
CMY	0.2196, 0.6667, 0.9098
CMYK	0.00, 0.57, 0.88, 0.22
HSL	21°, 79%, 44%
HSV	21°, 88%, 78%
XYZ	26.9563, 18.7010, 2.9995
YIQ	112.0180, 87.8460, 4.8860

Conversions

Conversions Part 2

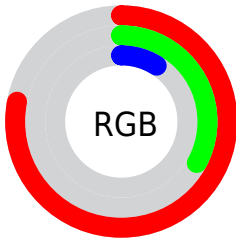
Format	Color
RYB	199, 119, 23
Decimal	13063447
CIELab	50.34, 42.58, 53.97
CIElCh	50, 68.742, 51.729
Yxy	18.7010, 0.5540, 0.3843
Android (android.graphics.Color)	4291253527 (0xFFC75517)
YUV	112.0180, -43.8859, 76.2832
Hunter-Lab	43.2446, 35.5891, 26.1588

Details

The YUV color **112.0180, -43.8859, 76.2832** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **109.9820, 43.8859, -76.2832**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6870, -45.2017, 78.3275**, and **60.0460, -29.6027, 68.3657** is the 20% darker color. If you saturate the color by 10%, you get **102.1070, -48.8598, 84.9752**, and if you desaturate by 10%, it is **121.9290, -38.9120, 67.5913**.

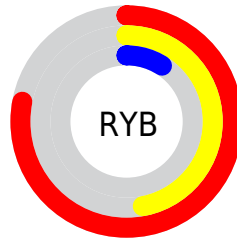
Distribution



Red (78%)

Green (33%)

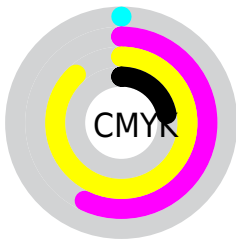
Blue (9%)



Red (78%)

Yellow (47%)

Blue (9%)

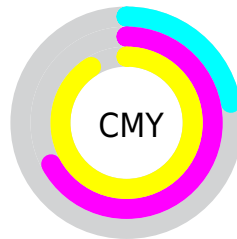


Cyan (0%)

Magenta (57%)

Yellow (88%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0180, -43.8859, 76.2832 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 112.0180, -43.8859, 76.2832 by changing the saturation by 10% instead.

■ 112.0180,
-43.8859, 76.2832

■ 112.0180,
-43.8859, 76.2832

■ 255.0000, 0.0000,
0.0000

■ 84.8650, -41.8384,
72.9094

■ 165.6870,
-45.2017, 78.3275

■ 60.0460, -29.6027,
68.3657

■ 184.5000,
-41.6585, 61.8285

■ 31.9930, -15.7725,
65.7811

■ 203.9000,
-38.4047, 44.8147

■ 23.3220, -11.4977,
47.9526

■ 223.3000,
-35.1509, 27.8009

■ 16.0750, -6.9390,
32.3832

■ 243.5150,
-31.3129, 10.0723

■ 0.5980, -0.2948,
1.2296

■ 249.6420,

■ 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.8340, -8.2992,
1.8996

112.0180,
-43.8859, 76.2832

112.0180,
-43.8859, 76.2832

102.1070,
-48.8598, 84.9752

121.9290,
-38.9120, 67.5913

100.5910,
-49.5914, 86.3047

131.8400,
-33.9381, 58.8993

141.7510,
-28.9642, 50.2074

151.6620,
-23.9904, 41.5154

160.9860,
-18.7271, 33.3383

■ 170.7830,
-14.1900, 24.7463

■ 180.6940, -9.2161,
16.0544

■ 190.6050, -4.2423,
7.3624

■ 200.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



107.7720, -13.6916, 98.4240



112.0180, -43.8859, 76.2832



112.9860, -55.7021, 39.4773

Triad

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



112.0180, -43.8859, 76.2832



96.0420, 2.4443, -84.2288



114.1010, 57.1382, -33.4146

Complementary

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



112.0180, -43.8859, 76.2832



109.9820, 43.8859, -76.2832

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.



104.5020, 65.3215, -91.6483



112.0180, -43.8859, 76.2832



104.1700, 28.5102, -91.3571

Square

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



112.0180, -43.8859, 76.2832



86.6260, -23.4796, -75.9710



107.4080, 51.0709, -94.1968



121.8630, 35.0705, 44.8471

Rectangle

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



112.0180, -43.8859, 76.2832



109.8640, -54.1630, 12.3973



107.4080, 51.0709, -94.1968



96.7570, 68.6468, -84.8559

Sweetspot

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



112.0180, -43.8859, 76.2832



220.7190, -17.1165, 30.0644



88.6200, 23.8513, 96.8033



107.4770, -10.0952, 17.9987



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.



112.0180, -43.8859, 76.2832



129.0750, -63.6340, 110.4362



163.6740, -69.3523, 30.9809



94.4520, -2.1948, 3.9886



82.1960, -40.5226, 70.8651



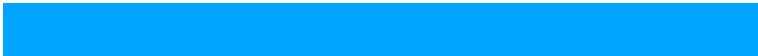
18.3950, -9.0687, 15.4396

Inverse Universe

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



109.9820, 43.8859, -76.2832



125.9250, 63.6340, -110.4362



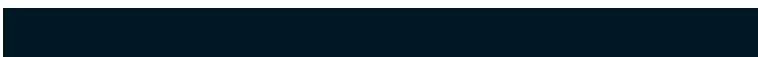
58.3260, 69.3523, -30.9809



94.5480, 2.1948, -3.9886



80.8040, 40.5226, -70.8651



17.6050, 9.0687, -15.4396

Previews

White Background



This preview shows how the YUV color 112.0180, -43.8859, 76.2832 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 112.0180, -43.8859, 76.2832 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 112.0180, -43.8859, 76.2832

Background



This preview shows how black text looks on a background with the YUV color 112.0180, -43.8859, 76.2832.



This preview shows how white text looks on a background with the YUV color 112.0180, -43.8859, 76.2832.

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

112.0180, -43.8859, 76.2832

Protanopia

115.0400, -40.9387, 17.5049

Deuteranopia

112.3660, -55.3964, 34.7590



Tritanopia

116.0480, -15.7997, 74.5029

Trichromacy



Original Color

112.0180, -43.8859, 76.2832

Protanomaly

113.9440, -41.8774, 38.6371

Deuteranomaly

111.9040, -51.2247, 50.0732

Tritanomaly

114.4150, -25.8406, 75.0580

Monochromacy



Original Color

112.0180, -43.8859, 76.2832

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0500, -15.8006, 28.0202

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0180, -43.8859, 76.2832 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(199, 85, 23)` looks like.

```
.text, #text, p{  
    color:rgb(199, 85, 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(199, 85, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 85, 23) }
```

Border

The CSS property to change the border of an element to YUV 112.0180, -43.8859, 76.2832 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(199, 85, 23) }
```


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

```
.border{ border-color:rgb(199, 85, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 85, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 85, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 85, 23);  
box-shadow:4px 4px 4px 4px rgb(199, 85,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 112.0180, -43.8859, 76.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 85, 23) }
```

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

```
.background{ background-color: rgb(199, 85,  
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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