

Converting Colors

YUV(123.1110, -44.9177,
80.5867)

Have a look what the booklet for
YUV(123.1110, -44.9177, 80.5867)
contains.

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Color

**YUV(123.1110, -44.9177,
80.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	D75E20
RGB	215, 94, 32
RGB Percent	84%, 37%, 13%
CMY	0.1569, 0.6314, 0.8745
CMYK	0.00, 0.56, 0.85, 0.16
HSL	20°, 74%, 48%
HSV	20°, 85%, 84%
XYZ	32.2877, 22.5568, 4.0186
YIQ	123.1110, 92.0180, 6.3700

Conversions

Conversions Part 2

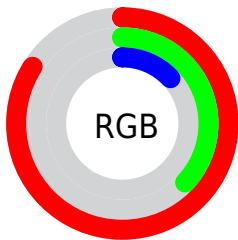
Format	Color
R _Y B	215, 126, 32
Decimal	14114336
CIE Lab	54.61, 44.51, 55.16
CIE LCh	55, 70.876, 51.098
Yxy	22.5568, 0.5485, 0.3832
Android (android.graphics.Color)	4292304416 (0xFFD75E20)
YUV	123.1110, -44.9177, 80.5867
Hunter-Lab	47.4940, 38.2349, 28.2290

Details

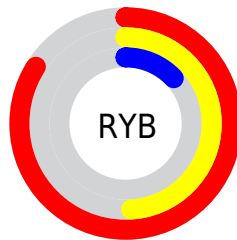
The YUV color **123.1110, -44.9177, 80.5867** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **123.8890, 44.9177, -80.5867**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9960, -43.8750, 72.7945**, and **69.8140, -34.4183, 72.9541** is the 20% darker color. If you saturate the color by 10%, you get **112.4990, -50.0390, 89.8934**, and if you desaturate by 10%, it is **133.7230, -39.7964, 71.2799**.

Distribution



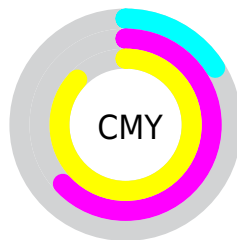
- Red (84%)
- Green (37%)
- Blue (13%)



- Red (84%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (56%)
- Yellow (85%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1110, -44.9177, 80.5867 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 123.1110, -44.9177, 80.5867 by changing the saturation by 10% instead.

123.1110,
-44.9177, 80.5867

123.1110,
-44.9177, 80.5867

255.0000, 0.0000,
0.0000

95.0460, -46.3647,
78.0127

171.9960,
-43.8750, 72.7945

69.8140, -34.4183,
72.9541

191.3960,
-40.6212, 55.7807

41.1740, -20.2988,
70.8844

210.7960,
-37.3674, 38.7669

27.5080, -13.5614,
56.5595

230.8970,
-33.9662, 21.1383

19.1360, -9.4340,
39.3457

247.4760,
-28.8287, 6.5985

10.5790, -4.7224,
21.4172

250.7820,

0.0000, 0.0000,

-16.1615, 3.6992

0.0000

253.9740, -3.9312,
0.8998

123.1110,
-44.9177, 80.5867

123.1110,
-44.9177, 80.5867

112.4990,
-50.0390, 89.8934

133.7230,
-39.7964, 71.2799

107.1360,
-52.8180, 94.5967

144.4490,
-34.2384, 61.8732

155.6480,
-29.4065, 52.0517

166.3740,
-23.8484, 42.6450

177.1000,
-18.2903, 33.2383

■ 187.7120,
-13.1690, 23.9316

■ 199.0250, -7.9003,
14.0101

■ 209.6370, -2.7790,
4.7034

■ 220.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



119.3920, -13.9973, 103.1422



123.1110, -44.9177, 80.5867



122.7540, -60.5177, 44.0657

Triad

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



123.1110, -44.9177, 80.5867



104.6990, 2.6134, -91.8210



124.7740, 59.7644, -35.7588

Complementary

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



123.1110, -44.9177, 80.5867



123.8890, 44.9177, -80.5867

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.



113.3700, 68.8376, -99.4255



123.1110, -44.9177, 80.5867



112.4680, 29.8423, -98.6344

Square

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



123.1110, -44.9177, 80.5867



97.1700, -25.2268, -75.5711



116.1620, 54.1501, -101.8741



133.1450, 37.3965, 45.4768

Rectangle

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



123.1110, -44.9177, 80.5867



120.2080, -59.2625, 14.7266



116.1620, 54.1501, -101.8741



105.6250, 72.1629, -92.6331

Sweetspot

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



123.1110, -44.9177, 80.5867



221.6480, -16.0955, 29.2497



100.6250, 26.3139, 100.3069



107.5910, -9.6584, 17.8987



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.



123.1110, -44.9177, 80.5867



126.7270, -62.4764, 112.4954



176.5280, -71.2523, 33.7399



101.6370, -2.7790, 4.7034



85.1750, -41.9913, 75.2685



21.6620, -10.6794, 18.7134

Inverse Universe

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



123.8890, 44.9177, -80.5867



128.2730, 62.4764, -112.4954



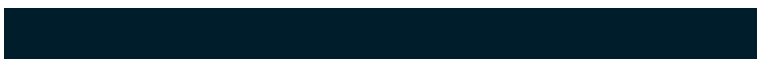
71.0590, 70.9629, -34.2547



101.3630, 2.7790, -4.7034



85.8250, 41.9913, -75.2685



21.9250, 10.3900, -19.2282

Previews

White Background



This preview shows how the YUV color 123.1110, -44.9177, 80.5867 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 123.1110, -44.9177, 80.5867 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 123.1110, -44.9177, 80.5867

Background



This preview shows how black text looks on a background with the YUV color 123.1110, -44.9177, 80.5867.



This preview shows how white text looks on a background with the YUV color 123.1110, -44.9177, 80.5867.

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

123.1110, -44.9177, 80.5867

Protanopia

125.6380, -41.2335, 18.7345

Deuteranopia

124.1320, -53.8021, 36.7182



Tritanopia

127.2550, -16.3947, 78.7064

Trichromacy



Original Color

123.1110, -44.9177, 80.5867

Protanomaly

125.0260, -42.9038, 41.1962

Deuteranomaly

123.7410, -50.6513, 52.8471

Tritanomaly

125.5080, -26.8724, 79.3615

Monochromacy



Original Color

123.1110, -44.9177, 80.5867

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6480, -16.0955, 29.2497

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1110, -44.9177, 80.5867 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(215, 94, 32)` looks like.

```
.text, #text, p{  
    color:rgb(215, 94, 32)  
}
```

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(215, 94, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 94, 32) }
```

Border

The CSS property to change the border of an element to YUV 123.1110, -44.9177, 80.5867 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(215, 94, 32) }
```


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

```
.border{ border-color:rgb(215, 94, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 94, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 94, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 94, 32);  
box-shadow:4px 4px 4px 4px rgb(215, 94,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 123.1110, -44.9177, 80.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 94, 32) }
```

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

```
.background{ background-color: rgb(215, 94,  
32) }
```

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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