

Converting Colors

YUV(120.4110, -16.4716,
56.6446)

Have a look what the booklet for
YUV(120.4110, -16.4716, 56.6446)
contains.

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Color

**YUV(120.4110, -16.4716,
56.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	B95E57
RGB	185, 94, 87
RGB Percent	73%, 37%, 34%
CMY	0.2745, 0.6314, 0.6588
CMYK	0.00, 0.49, 0.53, 0.27
HSL	4°, 41%, 53%
HSV	4°, 53%, 73%
XYZ	25.7306, 19.0078, 11.3295
YIQ	120.4110, 56.4830, 17.1150

Conversions

Conversions Part 2

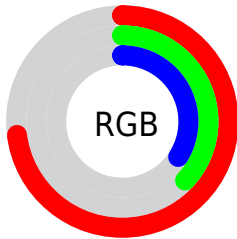
Format	Color
R_{YB}	185, 95, 87
Decimal	12148311
CIE Lab	50.70, 35.97, 20.92
CIE LCh	51, 41.610, 30.190
Yxy	19.0078, 0.4589, 0.3390
Android (android.graphics.Color)	4290338391 (0xFFB95E57)
YUV	120.4110, -16.4716, 56.6446
Hunter-Lab	43.5980, 29.0505, 15.1112

Details

The YUV color **120.4110, -16.4716, 56.6446** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **151.5890, 16.4716, -56.6446**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2760, -18.3771, 61.1479**, and **68.8880, -13.2558, 51.8412** is the 20% darker color. If you saturate the color by 10%, you get **108.3800, -19.4143, 67.1957**, and if you desaturate by 10%, it is **132.5560, -13.0921, 45.9934**.

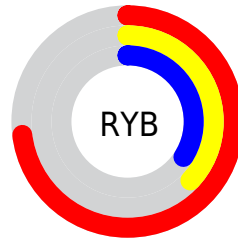
Distribution



Red (73%)

Green (37%)

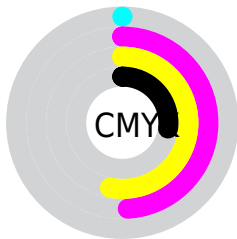
Blue (34%)



Red (73%)

Yellow (37%)

Blue (34%)

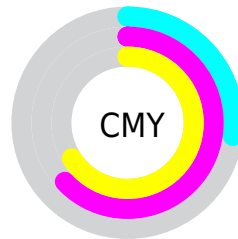


Cyan (0%)

Magenta (49%)

Yellow (53%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4110, -16.4716, 56.6446 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 120.4110, -16.4716, 56.6446 by changing the saturation by 10% instead.

■ 120.4110,
-16.4716, 56.6446

■ 120.4110,
-16.4716, 56.6446

■ 255.0000, 0.0000,
0.0000

■ 94.4430, -15.0084,
53.9855

■ 174.2760,
-18.3771, 61.1479

■ 68.8880, -13.2558,
51.8412

■ 196.3780,
-16.4554, 51.4115

■ 42.8600, -10.7770,
50.1118

■ 215.8920,
-12.7648, 34.2977

■ 21.8270, -10.7607,
44.8787

■ 236.1070, -8.9268,
16.5692

■ 14.4660, -6.6387,
29.4093

■ 254.0880, -3.4944,
0.7998

■ 0.0000, 0.0000,
0.0000

120.4110,
-16.4716, 56.6446

120.4110,
-16.4716, 56.6446

108.3800,
-19.4143, 67.1957

132.5560,
-13.0921, 45.9934

96.2350, -22.7939,
77.8469

144.5870,
-10.1494, 35.4422

83.6170, -25.4472,
88.9129

157.3190, -7.0593,
24.2762

71.4720, -28.8267,
99.5641

169.3500, -4.1165,
13.7251

62.9460, -31.0324,
107.0414

181.4950, -0.7370,
3.0739

193.5260, 2.2057,
-7.4773

205.6710, 5.5852,
-18.1285

217.7020, 8.5279,

-28.6797

■ 230.3200, 11.1812,
-39.7456

Harmonies

Analogous

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



122.0530, -0.0261, 55.2045



120.4110, -16.4716, 56.6446



119.4790, -29.8161, 43.4299

Triad

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



120.4110, -16.4716, 56.6446



106.7500, -11.2157, -42.7537



109.8110, 40.0262, -51.5772

Complementary

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



120.4110, -16.4716, 56.6446



151.5890, 16.4716, -56.6446

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.



98.8190, 41.0082, -86.6643



120.4110, -16.4716, 56.6446



94.6860, 12.4798, -83.0396

Square

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



120.4110, -16.4716, 56.6446



113.6160, -27.9117, -7.5562



98.6760, 27.7677, -86.5389



122.6820, 29.2438, 0.2789

Rectangle

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



120.4110, -16.4716, 56.6446



118.2400, -34.1353, 28.7305



98.6760, 27.7677, -86.5389



96.7960, 45.9496, -84.8901

Sweetspot

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



120.4110, -16.4716, 56.6446



214.4220, -6.6170, 22.4319



126.6760, 25.3027, 51.1501



105.0510, -3.9691, 13.1103



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.4110, -16.4716, 56.6446



138.5030, -25.8840, 89.0129



149.1740, -30.6518, 31.4194



85.6910, -1.3267, 5.5330



53.1010, -26.1788, 90.2424



9.5460, -4.7062, 16.1842

Inverse Universe

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



151.5890, 16.4716, -56.6446



187.4970, 25.8840, -89.0129



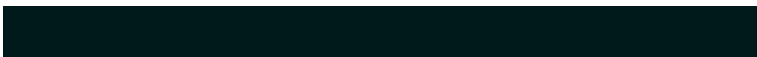
122.8260, 30.6518, -31.4194



88.7220, 1.6161, -5.0182



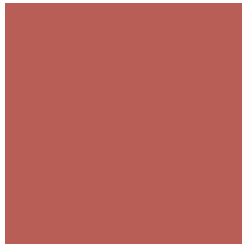
102.3120, 26.4682, -89.7276



18.4540, 4.7062, -16.1842

Previews

White Background



This preview shows how the YUV color 120.4110, -16.4716, 56.6446 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 120.4110, -16.4716, 56.6446 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 120.4110, -16.4716, 56.6446

Background



This preview shows how black text looks on a background with the YUV color 120.4110, -16.4716, 56.6446.



This preview shows how white text looks on a background with the YUV color 120.4110, -16.4716,

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

120.4110, -16.4716, 56.6446

Protanopia

120.5850, -10.6414, 6.5030

Deuteranopia

120.9090, -18.6891, 21.1278



Tritanopia

120.9040, -10.7987, 57.0892

Trichromacy



Original Color

120.4110, -16.4716, 56.6446

Protanomaly

120.5380, -12.5902, 24.9612

Deuteranomaly

120.8120, -18.1483, 34.3679

Tritanomaly

121.0350, -12.8353, 56.9743

Monochromacy



Original Color

120.4110, -16.4716, 56.6446

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.5250, -6.1748, 20.5876

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4110, -16.4716, 56.6446 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(185, 94, 87)` looks like.

```
.text, #text, p{  
    color:rgb(185, 94, 87)  
}
```

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(185, 94, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 94, 87) }
```

Border

The CSS property to change the border of an element to YUV 120.4110, -16.4716, 56.6446 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(185, 94, 87) }
```


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

```
.border{ border-color:rgb(185, 94, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 94, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 94, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 94, 87);  
box-shadow:4px 4px 4px 4px rgb(185, 94,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 120.4110, -16.4716, 56.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 94, 87) }
```

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

```
.background{ background-color: rgb(185, 94,  
87) }
```

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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