

Converting Colors

YUV(120.3300, -20.3757,
48.8226)

Have a look what the booklet for
YUV(120.3300, -20.3757, 48.8226)
contains.

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Color

**YUV(120.3300, -20.3757,
48.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	B0644F
RGB	176, 100, 79
RGB Percent	69%, 39%, 31%
CMY	0.3098, 0.6078, 0.6902
CMYK	0.00, 0.43, 0.55, 0.31
HSL	13°, 38%, 50%
HSV	13°, 55%, 69%
XYZ	23.8730, 18.9090, 9.7887
YIQ	120.3300, 52.0370, 9.5810

Conversions

Conversions Part 2

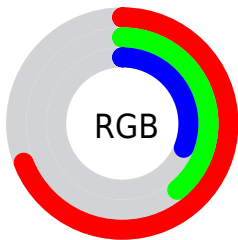
Format	Color
R_{YB}	176, 106, 79
Decimal	11560015
CIE Lab	50.58, 28.49, 25.20
CIE LCh	51, 38.032, 41.496
Yxy	18.9090, 0.4541, 0.3597
Android (android.graphics.Color)	4289750095 (0xFFB0644F)
YUV	120.3300, -20.3757, 48.8226
Hunter-Lab	43.4844, 21.8987, 17.0925

Details

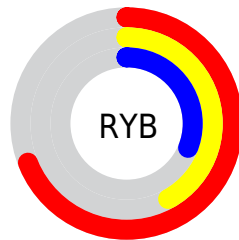
The YUV color **120.3300, -20.3757, 48.8226** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **134.6700, 20.3757, -48.8226**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0810, -22.7179, 53.4260**, and **69.3940, -17.4492, 43.5045** is the 20% darker color. If you saturate the color by 10%, you get **110.0600, -24.1866, 57.8294**, and if you desaturate by 10%, it is **130.6000, -16.5648, 39.8158**.

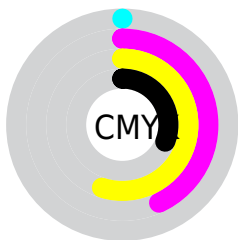
Distribution



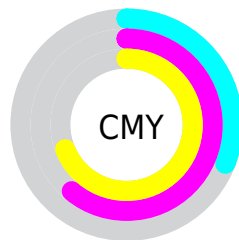
- Red (69%)
- Green (39%)
- Blue (31%)



- Red (69%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3300, -20.3757, 48.8226 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 120.3300, -20.3757, 48.8226 by changing the saturation by 10% instead.

■ 120.3300,
-20.3757, 48.8226

■ 120.3300,
-20.3757, 48.8226

■ 255.0000, 0.0000,
0.0000

■ 94.3620, -18.9125,
46.1635

■ 174.0810,
-22.7179, 53.4260

■ 69.3940, -17.4492,
43.5045

■ 198.9880,
-21.6861, 49.1225

■ 45.4260, -15.9860,
40.8454

■ 218.3880,
-18.4323, 32.1087

■ 21.1960, -10.4496,
38.4161

■ 238.0160,
-14.3049, 14.8950

■ 12.6720, -5.7543,
25.7207

■ 252.9480, -7.8624,
1.7996

■ 0.0000, 0.0000,
0.0000

120.3300,
-20.3757, 48.8226

120.3300,
-20.3757, 48.8226

110.0600,
-24.1866, 57.8294

130.6000,
-16.5648, 39.8158

99.9040, -27.5607,
66.7362

140.7560,
-13.1907, 30.9090

90.2210, -31.6610,
75.2282

150.4390, -9.0904,
22.4170

80.0650, -35.0350,
84.1350

160.5950, -5.7163,
13.5102

74.9300, -36.9405,
88.6384

170.8650, -1.9054,
4.5034

181.1350, 1.9054,
-4.5034

191.2910, 5.2795,
-13.4102

200.9740, 9.3798,

-21.9022

■ 211.1300, 12.7539,
-30.8090

Harmonies

Analogous

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



121.4350, -6.1305, 53.1155



120.3300, -20.3757, 48.8226



118.7120, -29.9310, 33.5786

Triad

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



120.3300, -20.3757, 48.8226



104.2740, -2.6001, -52.8603



118.0270, 32.5247, -25.4567

Complementary

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



120.3300, -20.3757, 48.8226



134.6700, 20.3757, -48.8226

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.



96.3570, 41.7290, -84.5051



120.3300, -20.3757, 48.8226



95.4670, 18.0108, -83.7246

Square

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



120.3300, -20.3757, 48.8226



112.3850, -20.8958, -17.8776



97.7130, 31.6935, -85.6943



123.6360, 22.3645, 13.4742

Rectangle

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



120.3300, -20.3757, 48.8226



117.2710, -31.1926, 18.1793



97.7130, 31.6935, -85.6943



113.3240, 35.3363, -40.6261

Sweetspot

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



120.3300, -20.3757, 48.8226



207.2430, -8.5008, 19.9579



116.8950, 19.7718, 51.8351



101.8120, -4.8373, 11.5659



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.3300, -20.3757, 48.8226



142.8190, -31.9558, 76.4577



147.9190, -33.9771, 24.6270



83.8650, -1.9054, 4.5034



65.1180, -32.1032, 77.0725



11.2960, -5.5689, 12.8954

Inverse Universe

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



134.6700, 20.3757, -48.8226



165.1810, 31.9558, -76.4577



107.0810, 33.9771, -24.6270



85.1350, 1.9054, -4.5034



87.8820, 32.1032, -77.0725



14.7040, 5.5689, -12.8954

Previews

White Background



This preview shows how the YUV color 120.3300, -20.3757, 48.8226 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 120.3300, -20.3757, 48.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

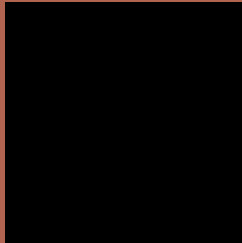
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.3300, -20.3757, 48.8226

Background



This preview shows how black text looks on a background with the YUV color 120.3300, -20.3757, 48.8226.



This preview shows how white text looks on a background with the YUV color 120.3300, -20.3757,

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

120.3300, -20.3757, 48.8226

Protanopia

119.9290, -15.7410, 8.8323

Deuteranopia

119.8230, -21.6047, 22.9572



Tritanopia

122.0170, -8.8824, 49.0971

Trichromacy



Original Color

120.3300, -20.3757, 48.8226

Protanomaly

119.9740, -17.2422, 23.7018

Deuteranomaly

120.2910, -21.3425, 32.1938

Tritanomaly

121.2790, -12.9555, 48.8673

Monochromacy



Original Color

120.3300, -20.3757, 48.8226

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1610, -7.4744, 17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3300, -20.3757, 48.8226 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(176, 100, 79)` looks like.

```
.text, #text, p{  
    color:rgb(176, 100, 79)  
}
```

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(176, 100, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 100, 79) }
```

Border

The CSS property to change the border of an element to YUV 120.3300, -20.3757, 48.8226 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(176, 100, 79) }
```


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

```
.border{ border-color:rgb(176, 100, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 100, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 100, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 100, 79);  
box-shadow:4px 4px 4px 4px rgb(176, 100,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 120.3300, -20.3757, 48.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 100, 79) }
```

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

```
.background{ background-color: rgb(176,  
100, 79) }
```

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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