

Converting Colors

YUV(120.1950, -18.8301,
66.4810)

Have a look what the booklet for
YUV(120.1950, -18.8301, 66.4810)
contains.

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Color

**YUV(120.1950, -18.8301,
66.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	C45952
RGB	196, 89, 82
RGB Percent	77%, 35%, 32%
CMY	0.2314, 0.6510, 0.6784
CMYK	0.00, 0.55, 0.58, 0.23
HSL	4°, 49%, 55%
HSV	4°, 58%, 77%
XYZ	27.8603, 19.4897, 10.2761
YIQ	120.1950, 66.0190, 20.5070

Conversions

Conversions Part 2

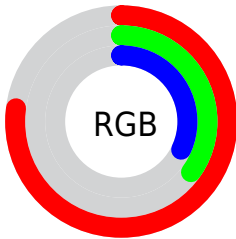
Format	Color
R_{YB}	196, 89, 82
Decimal	12867922
CIE _{Lab}	51.26, 42.24, 24.90
CIE _{LCh}	51, 49.037, 30.515
Yxy	19.4897, 0.4835, 0.3382
Android (android.graphics.Color)	4291058002 (0xFFC45952)
YUV	120.1950, -18.8301, 66.4810
Hunter-Lab	44.1472, 35.3900, 17.1021

Details

The YUV color **120.1950, -18.8301, 66.4810** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **157.8050, 18.8301, -66.4810**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5330, -21.4618, 70.5696**, and **66.9000, -14.7407, 61.4777** is the 20% darker color. If you saturate the color by 10%, you get **107.3490, -22.3571, 77.7469**, and if you desaturate by 10%, it is **133.0410, -15.3032, 55.2150**.

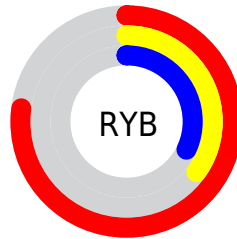
Distribution



Red (77%)

Green (35%)

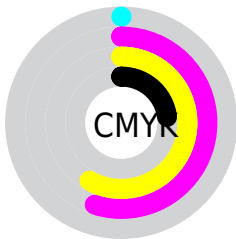
Blue (32%)



Red (77%)

Yellow (35%)

Blue (32%)

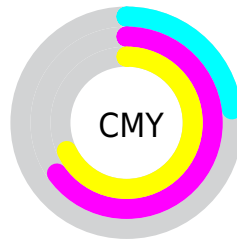


Cyan (0%)

Magenta (55%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (65%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1950, -18.8301, 66.4810 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 120.1950, -18.8301, 66.4810 by changing the saturation by 10% instead.

■ 120.1950,
-18.8301, 66.4810

■ 120.1950,
-18.8301, 66.4810

■ 255.0000, 0.0000,
0.0000

■ 93.3410, -16.9301,
63.7219

■ 174.5330,
-21.4618, 70.5696

■ 66.9000, -14.7407,
61.4777

■ 193.4600,
-17.4818, 53.9706

■ 35.9910, -9.3626,
63.1519

■ 212.9740,
-13.7912, 36.8568

■ 23.9200, -11.7926,
49.1822

■ 233.0750,
-10.3900, 19.2282

■ 16.2600, -7.5232,
33.0980

■ 253.4040, -6.1152,
1.3997

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,

0.0000

■ 120.1950,
-18.8301, 66.4810

■ 120.1950,
-18.8301, 66.4810

■ 107.3490,
-22.3571, 77.7469

■ 133.0410,
-15.3032, 55.2150

■ 94.0300, -25.1578,
89.4277

■ 146.3600,
-12.5025, 43.5343

■ 81.1840, -28.6847,
100.6936

■ 159.2060, -8.9756,
32.2683

■ 67.8650, -31.4854,
112.3744

■ 172.5250, -6.1748,
20.5876

■ 65.6480, -32.3645,
114.3187

■ 185.3710, -2.6479,
9.3216

■ 198.2170, 0.8790,
-1.9443

■ 211.5360, 3.6798,
-13.6251

■ 224.3820, 7.2067,
-24.8910

■ 237.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



121.3470, 0.8149, 65.4707



120.1950, -18.8301, 66.4810



119.1440, -35.0740, 49.8627

Triad

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



120.1950, -18.8301, 66.4810



102.2600, -11.4672, -55.4790



98.0330, 53.2277, -85.9749

Complementary

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



120.1950, -18.8301, 66.4810



157.8050, 18.8301, -66.4810

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.



102.5350, 45.0922, -89.9232



120.1950, -18.8301, 66.4810



97.2620, 12.1958, -85.2988

Square

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



120.1950, -18.8301, 66.4810



113.1120, -33.5792, -9.7452



101.9360, 30.1046, -89.3979



124.4630, 34.7747, -0.4061

Rectangle

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



120.1950, -18.8301, 66.4810



118.0250, -41.4243, 33.3041



101.9360, 30.1046, -89.3979



100.2670, 51.6334, -87.9342

Sweetspot

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



120.1950, -18.8301, 66.4810



226.0310, -6.9173, 25.4058



128.3980, 30.3698, 59.2870



110.9480, -4.4114, 14.9546



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.



120.1950, -18.8301, 66.4810



136.0920, -29.1324, 104.2823



153.0670, -35.0360, 37.6522



90.5770, -1.7635, 5.6330



54.0090, -26.6264, 93.8311



11.0410, -5.4432, 19.2580

Inverse Universe

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



157.8050, 18.8301, -66.4810



195.3210, 29.4217, -103.7675



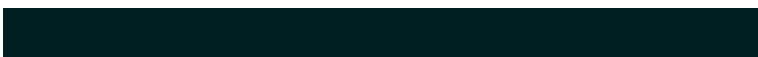
124.9330, 35.0360, -37.6522



93.4230, 1.7635, -5.6330



106.9910, 26.6264, -93.8311



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 120.1950, -18.8301, 66.4810 looks on a white background.

Color Contrast Check

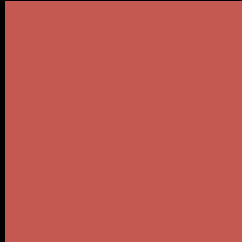
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1950, -18.8301, 66.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

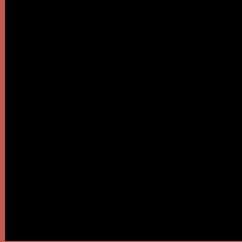
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1950, -18.8301, 66.4810

Background



This preview shows how black text looks on a background with the YUV color 120.1950, -18.8301, 66.4810.



This preview shows how white text looks on a background with the YUV color 120.1950, -18.8301,

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

120.1950, -18.8301, 66.4810

Protanopia

121.7270, -12.6834, 8.1324

Deuteranopia

121.7090, -22.0415, 23.0572



Tritanopia

120.5740, -13.5940, 67.0256

Trichromacy



Original Color

120.1950, -18.8301, 66.4810

Protanomaly

121.2890, -14.9325, 29.5645

Deuteranomaly

121.1500, -20.7800, 38.4564

Tritanomaly

120.7050, -15.6306, 66.9107

Monochromacy



Original Color

120.1950, -18.8301, 66.4810

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3190, -7.0593, 24.2762

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1950, -18.8301, 66.4810 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(196, 89, 82)` looks like.

```
.text, #text, p{  
  color:rgb(196, 89, 82)  
}
```

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(196, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 89, 82) }
```

Border

The CSS property to change the border of an element to YUV 120.1950, -18.8301, 66.4810 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(196, 89, 82) }
```


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

```
.border{ border-color:rgb(196, 89, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 89, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 89,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 120.1950, -18.8301, 66.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 89, 82) }
```

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

```
.background{ background-color: rgb(196, 89,  
82) }
```

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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