

Converting Colors

YUV(120.1930, -12.4201,
63.8517)

Have a look what the booklet for
YUV(120.1930, -12.4201, 63.8517)
contains.

YUV(120.1930, -12.4201, 63.8517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.1930, -12.4201,
63.8517)**

Conversions

Conversions Part 1

Format	Color
Hex	C1585F
RGB	193, 88, 95
RGB Percent	76%, 35%, 37%
CMY	0.2431, 0.6549, 0.6275
CMYK	0.00, 0.54, 0.51, 0.24
HSL	356°, 46%, 55%
HSV	356°, 54%, 76%
XYZ	27.5476, 19.1431, 13.0695
YIQ	120.1930, 60.3330, 24.4370

Conversions

Conversions Part 2

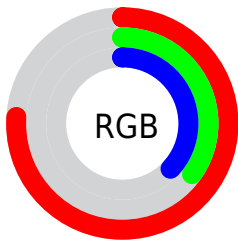
Format	Color
R_{YB}	193, 88, 95
Decimal	12671071
CIE _{Lab}	50.85, 42.73, 16.61
CIE _{LCh}	51, 45.841, 21.242
Yxy	19.1431, 0.4610, 0.3203
Android (android.graphics.Color)	4290861151 (0xFFC1585F)
YUV	120.1930, -12.4201, 63.8517
Hunter-Lab	43.7529, 35.8194, 12.9163

Details

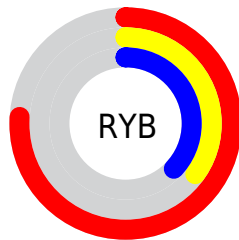
The YUV color **120.1930, -12.4201, 63.8517** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **160.8070, 12.4201, -63.8517**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9440, -14.7624, 68.4551**, and **66.4960, -8.6255, 60.0780** is the 20% darker color. If you saturate the color by 10%, you get **106.9880, -14.7841, 75.4325**, and if you desaturate by 10%, it is **133.3980, -10.0562, 52.2710**.

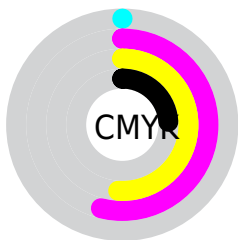
Distribution



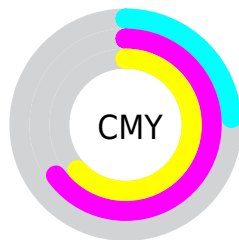
- Red (76%)
- Green (35%)
- Blue (37%)



- Red (76%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.1930, -12.4201, 63.8517 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 120.1930, -12.4201, 63.8517 by changing the saturation by 10% instead.


 120.1930,
-12.4201, 63.8517

 120.1930,
-12.4201, 63.8517


255.0000, 0.0000,
0.0000


 93.5240, -11.1043,
61.8075


 174.9440,
-14.7624, 68.4551


 66.4960, -8.6255,
60.0780


 194.4690,
-11.0772, 53.0857

 35.4730, -3.6842,
61.8522


 213.9830, -7.3866,
35.9719

 23.8490, -10.7716,
48.3674

 234.1980, -3.5486,
18.2434

 16.3740, -7.0864,
32.9980

254.4130, 0.2894,
0.5148

 2.6910, -1.3267,
5.5330

 0.0000, 0.0000,

0.0000

■ 120.1930,
-12.4201, 63.8517

■ 120.1930,
-12.4201, 63.8517

■ 106.9880,
-14.7841, 75.4325

■ 133.3980,
-10.0562, 52.2710

■ 93.1960, -16.8586,
87.5281

■ 147.1900, -7.9817,
40.1754

■ 79.9910, -19.2226,
99.1089

■ 160.3950, -5.6177,
28.5946

■ 66.7860, -21.5865,
110.6897

■ 173.6000, -3.2538,
17.0138

■ 59.1890, -22.7712,
117.3522

■ 187.3920, -1.1793,
4.9182

■ 200.5970, 1.1847,
-6.6626

■ 213.8020, 3.5486,
-18.2434

■ 227.0070, 5.9125,
-29.8241

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



122.2580, 5.7888, 56.7787



120.1930, -12.4201, 63.8517



119.4740, -28.8277, 53.0813

Triad

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



120.1930, -12.4201, 63.8517



108.1440, -18.8050, -35.2063



98.2950, 49.1546, -86.2047

Complementary

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



120.1930, -12.4201, 63.8517



160.8070, 12.4201, -63.8517

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.



101.0530, 39.4139, -88.6235



120.1930, -12.4201, 63.8517



94.4920, 6.6594, -82.8695

Square

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



120.1930, -12.4201, 63.8517



114.1350, -35.0696, 1.6356



99.0520, 24.1314, -86.8686



120.4180, 36.2759, -15.2756

Rectangle

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



120.1930, -12.4201, 63.8517



118.4370, -36.2044, 39.0818



99.0520, 24.1314, -86.8686



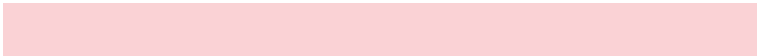
99.7140, 46.9760, -87.4492

Sweetspot

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



120.1930, -12.4201, 63.8517



222.3020, -4.5859, 24.2911



129.2720, 31.4179, 49.7505



108.4040, -2.6642, 14.5547



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



120.1930, -12.4201, 63.8517



136.9910, -19.2226, 99.1089



146.3970, -28.7897, 40.8708



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Inverse Universe

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



120.1930, -12.4201, 63.8517



136.9910, -19.2226, 99.1089



135.1900, 28.5003, -41.3856



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 120.1930, -12.4201, 63.8517 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 120.1930, -12.4201, 63.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

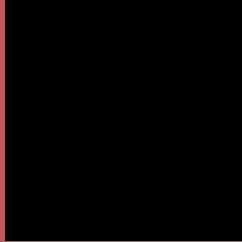
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1930, -12.4201, 63.8517

Background



This preview shows how black text looks on a background with the YUV color 120.1930, -12.4201, 63.8517.



This preview shows how white text looks on a background with the YUV color 120.1930, -12.4201, 63.8517.

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

120.1930, -12.4201, 63.8517

Protanopia

121.3550, -5.1050, 4.0737

Deuteranopia

121.9950, -15.7735, 19.2984



Tritanopia

120.0790, -12.8569, 63.9517

Trichromacy



Original Color

120.1930, -12.4201, 63.8517

Protanomaly

120.8030, -7.7909, 25.6058

Deuteranomaly

121.1480, -14.3700, 35.8272

Tritanomaly

120.0790, -12.8569, 63.9517

Monochromacy



Original Color

120.1930, -12.4201, 63.8517

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0030, -4.4385, 23.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1930, -12.4201, 63.8517 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(193, 88, 95)` looks like.

```
.text, #text, p{  
    color:rgb(193, 88, 95)  
}
```

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(193, 88, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 88, 95) }
```

Border

The CSS property to change the border of an element to YUV 120.1930, -12.4201, 63.8517 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(193, 88, 95) }
```


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

```
.border{ border-color:rgb(193, 88, 95) }
```

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

Here you see how a box with a 4 pixel rgb(193, 88, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 88, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 88, 95);  
box-shadow:4px 4px 4px 4px rgb(193, 88,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 120.1930, -12.4201, 63.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 88, 95) }
```

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

```
.background{ background-color: rgb(193, 88,  
95) }
```

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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