

Converting Colors

YUV(120.5630, -13.5886,
65.2812)

Have a look what the booklet for
YUV(120.5630, -13.5886, 65.2812)
contains.

YUV(120.5630, -13.5886, 65.2812)	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(120.5630, -13.5886,
65.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	C3585D
RGB	195, 88, 93
RGB Percent	76%, 35%, 36%
CMY	0.2353, 0.6549, 0.6353
CMYK	0.00, 0.55, 0.52, 0.24
HSL	357°, 47%, 55%
HSV	357°, 55%, 76%
XYZ	27.9712, 19.3719, 12.6208
YIQ	120.5630, 62.1670, 24.2390

Conversions

Conversions Part 2

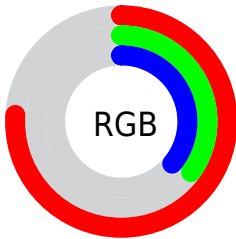
Format	Color
R_{YB}	195, 88, 93
Decimal	12802141
CIE _{Lab}	51.12, 43.27, 18.21
CIE _{LCh}	51, 46.945, 22.821
Yxy	19.3719, 0.4665, 0.3231
Android (android.graphics.Color)	4290992221 (0xFFC3585D)
YUV	120.5630, -13.5886, 65.2812
Hunter-Lab	44.0135, 36.4157, 13.8081

Details

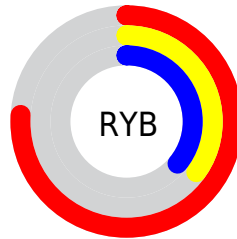
The YUV color **120.5630, -13.5886, 65.2812** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **162.4370, 13.5886, -65.2812**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3140, -15.9308, 69.8846**, and **66.8660, -9.7939, 61.5075** is the 20% darker color. If you saturate the color by 10%, you get **107.2440, -16.3893, 76.9620**, and if you desaturate by 10%, it is **134.4690, -11.0772, 53.0857**.

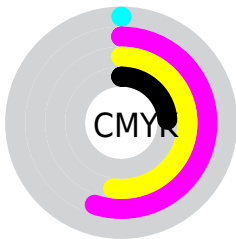
Distribution



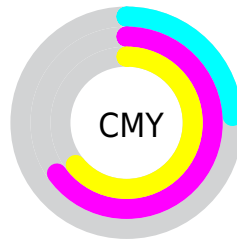
- Red (76%)
- Green (35%)
- Blue (36%)



- Red (76%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.5630, -13.5886, 65.2812 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 120.5630, -13.5886, 65.2812 by changing the saturation by 10% instead.


 120.5630,
-13.5886, 65.2812


 120.5630,
-13.5886, 65.2812


255.0000, 0.0000,
0.0000


 93.8940, -12.2727,
63.2370


 175.3140,
-15.9308, 69.8846

 66.8660, -9.7939,
61.5075


 194.2410,
-11.9508, 53.2856

 35.3700, -4.1264,
63.6965


 213.7550, -8.2602,
36.1719

 24.2190, -11.9400,
49.7969

 233.9700, -4.4222,
18.4433

 16.5590, -7.6706,
33.7128

254.1850, -0.5842,
0.7148

 3.8870, -1.9163,
7.9921

 0.0000, 0.0000,

0.0000

■ 120.5630,
-13.5886, 65.2812

■ 120.5630,
-13.5886, 65.2812

■ 107.2440,
-16.3893, 76.9620

■ 134.4690,
-11.0772, 53.0857

■ 93.4520, -18.4638,
89.0576

■ 147.6740, -8.7133,
41.5049

■ 80.1330, -21.2646,
100.7384

■ 161.5800, -6.2019,
29.3093

■ 66.3410, -23.3391,
112.8339

■ 174.7850, -3.8380,
17.7286

■ 59.3310, -24.8132,
118.9817

■ 188.6910, -1.3267,
5.5330

■ 202.0100, 1.4741,
-6.1478

■ 215.2150, 3.8380,
-17.7286

■ 229.1210, 6.3493,
-29.9241

■ 237.0600, 8.8444,
-36.8866

Harmonies

Analogous

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



123.0410, 4.9098, 58.7230



120.5630, -13.5886, 65.2812



120.1320, -30.1381, 53.3812

Triad

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



120.5630, -13.5886, 65.2812



107.6490, -18.0680, -38.2802



98.6370, 50.4650, -86.5046

Complementary

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



120.5630, -13.5886, 65.2812



162.4370, 13.5886, -65.2812

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.



102.0960, 40.8717, -89.5382



120.5630, -13.5886, 65.2812



95.3070, 7.2436, -83.5842

Square

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



120.5630, -13.5886, 65.2812



114.5970, -35.7903, -0.5236



100.0950, 25.5892, -87.7833



121.8420, 36.5599, -13.0164

Rectangle

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



120.5630, -13.5886, 65.2812



118.6820, -37.8042, 38.8669



100.0950, 25.5892, -87.7833



100.6430, 47.9970, -88.2639

Sweetspot

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



120.5630, -13.5886, 65.2812



224.1880, -5.0227, 24.3911



130.6960, 31.7019, 52.0096



110.5890, -3.2484, 15.2694



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.



120.5630, -13.5886, 65.2812



136.5460, -20.9752, 101.2532



148.1690, -29.6633, 41.0708



90.1040, -1.0373, 6.0478



49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Inverse Universe

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



120.5630, -13.5886, 65.2812



136.5460, -20.9752, 101.2532



134.8310, 29.6633, -41.0708



90.1040, -1.0373, 6.0478



49.0510, -20.2381, 98.1793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 120.5630, -13.5886, 65.2812 looks on a white background.

Color Contrast Check

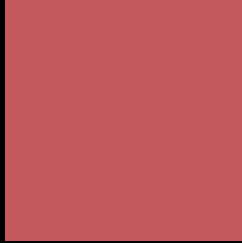
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5630, -13.5886, 65.2812 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 120.5630, -13.5886, 65.2812 Background



This preview shows how black text looks on a background with the YUV color 120.5630, -13.5886, 65.2812.

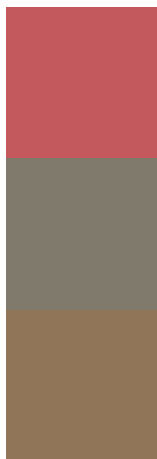


This preview shows how white text looks on a background with the YUV color 120.5630, -13.5886, 65.2812.

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

120.5630, -13.5886, 65.2812

Protanopia

122.3120, -6.5628, 4.9884

Deuteranopia

122.0660, -16.7945, 20.1131



Tritanopia

120.6770, -13.1518, 65.1813

Trichromacy



Original Color

120.5630, -13.5886, 65.2812

Protanomaly

121.7600, -9.2487, 26.5205

Deuteranomaly

121.2190, -15.3910, 36.6419

Tritanomaly

120.6770, -13.1518, 65.1813

Monochromacy



Original Color

120.5630, -13.5886, 65.2812

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8890, -4.8753, 23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5630, -13.5886, 65.2812 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(195, 88, 93)` looks like.

```
.text, #text, p{  
    color:rgb(195, 88, 93)  
}
```

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(195, 88, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 88, 93) }
```

Border

The CSS property to change the border of an element to YUV 120.5630, -13.5886, 65.2812 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(195, 88, 93) }
```


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

```
.border{ border-color:rgb(195, 88, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 88, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 88, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 88, 93);  
box-shadow:4px 4px 4px 4px rgb(195, 88,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 120.5630, -13.5886, 65.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 88, 93) }
```

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

```
.background{ background-color: rgb(195, 88,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor