

Converting Colors

YUV(122.1500, -13.8780,
64.7664)

Have a look what the booklet for
YUV(122.1500, -13.8780, 64.7664)
contains.

YUV(122.1500, -13.8780, 64.7664)	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(122.1500, -13.8780,
64.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	C45A5E
RGB	196, 90, 94
RGB Percent	77%, 35%, 37%
CMY	0.2314, 0.6471, 0.6314
CMYK	0.00, 0.54, 0.52, 0.23
HSL	358°, 47%, 56%
HSV	358°, 54%, 77%
XYZ	28.4415, 19.8562, 12.9233
YIQ	122.1500, 61.8920, 23.7160

Conversions

Conversions Part 2

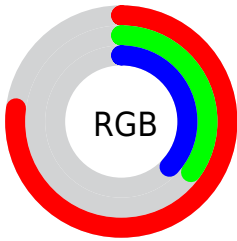
Format	Color
RYB	196, 90, 94
Decimal	12868190
CIELab	51.67, 42.73, 18.39
CIELCh	52, 46.522, 23.287
Yxy	19.8562, 0.4646, 0.3243
Android (android.graphics.Color)	4291058270 (0xFFC45A5E)
YUV	122.1500, -13.8780, 64.7664
Hunter-Lab	44.5603, 35.9504, 13.9971

Details

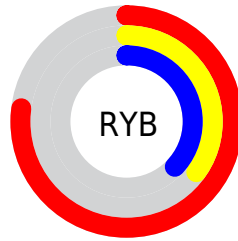
The YUV color **122.1500, -13.8780, 64.7664** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **163.8500, 13.8780, -64.7664**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6020, -16.0728, 68.7550**, and **69.0400, -10.3727, 60.4779** is the 20% darker color. If you saturate the color by 10%, you get **108.2440, -16.3893, 76.9620**, and if you desaturate by 10%, it is **136.0560, -11.3666, 52.5709**.

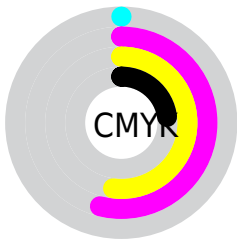
Distribution



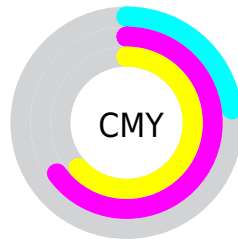
- Red (77%)
- Green (35%)
- Blue (37%)



- Red (77%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1500, -13.8780, 64.7664 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 122.1500, -13.8780, 64.7664 by changing the saturation by 10% instead.

■ 122.1500,
-13.8780, 64.7664

■ 122.1500,
-13.8780, 64.7664

255.0000, 0.0000,
0.0000

■ 95.4810, -12.5621,
62.7222

■ 176.6020,
-16.0728, 68.7550

■ 69.0400, -10.3727,
60.4779

■ 195.5290,
-12.0928, 52.1561

■ 38.0170, -5.4314,
62.2521

■ 215.0430, -8.4022,
35.0423

■ 24.3330, -11.5032,
49.6970

■ 235.2580, -4.5642,
17.3137

■ 16.5590, -7.6706,
33.7128

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,

0.0000

■ 122.1500,
-13.8780, 64.7664

■ 122.1500,
-13.8780, 64.7664

■ 108.2440,
-16.3893, 76.9620

■ 136.0560,
-11.3666, 52.5709

■ 94.9250, -19.1900,
88.6428

■ 149.3750, -8.5659,
40.8901

■ 81.0190, -21.7014,
100.8383

■ 163.2810, -6.0545,
28.6946

■ 67.8140, -24.0653,
112.4191

■ 176.4860, -3.6906,
17.1138

■ 59.4020, -25.8342,
119.7964

■ 190.3920, -1.1793,
4.9182

■ 204.2980, 1.3321,
-7.2773

■ 217.6170, 4.1328,
-18.9581

■ 231.5230, 6.6442,
-31.1537

■ 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.



124.0410, 4.9098, 58.7230



122.1500, -13.8780, 64.7664



121.4200, -30.2801, 52.2517

Triad

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



122.1500, -13.8780, 64.7664



108.7630, -17.6312, -38.3802



99.3380, 50.6124, -87.1194

Complementary

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



122.1500, -13.8780, 64.7664



163.8500, 13.8780, -64.7664

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.



102.7970, 41.0191, -90.1530



122.1500, -13.8780, 64.7664



96.2360, 8.2647, -84.3990

Square

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



122.1500, -13.8780, 64.7664



115.8250, -34.9167, -0.7235



101.3830, 25.4472, -88.9129



123.3260, 35.8283, -11.6869

Rectangle

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



122.1500, -13.8780, 64.7664



120.3830, -37.6568, 38.2521



101.3830, 25.4472, -88.9129



101.3440, 48.1444, -88.8787

Sweetspot

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



122.1500, -13.8780, 64.7664



226.4870, -5.1701, 25.0059



132.2830, 31.4125, 51.4948



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.



122.1500, -13.8780, 64.7664



139.4320, -21.4120, 101.3531



149.8700, -29.5159, 40.4560



90.1040, -1.0373, 6.0478



48.8230, -21.1117, 98.3792



9.9810, -4.4276, 20.1877

Inverse Universe

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



122.1500, -13.8780, 64.7664



139.4320, -21.4120, 101.3531



136.1300, 29.5159, -40.4560



90.1040, -1.0373, 6.0478



48.8230, -21.1117, 98.3792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 122.1500, -13.8780, 64.7664 looks on a white background.

Color Contrast Check

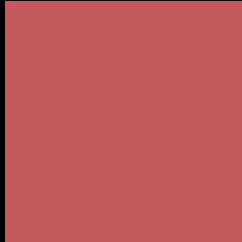
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.1500, -13.8780, 64.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

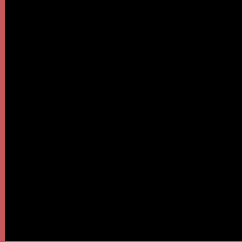
Any Text WCAG AA ✓ Pass

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 122.1500, -13.8780, 64.7664 Background



This preview shows how black text looks on a background with the YUV color 122.1500, -13.8780, 64.7664.



This preview shows how white text looks on a background with the YUV color 122.1500, -13.8780,

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

122.1500, -13.8780, 64.7664

Protanopia

123.3120, -6.5628, 4.9884

Deuteranopia

123.9520, -17.2313, 20.2131



Tritanopia

122.3780, -13.0044, 64.5665

Trichromacy



Original Color

122.1500, -13.8780, 64.7664

Protanomaly

122.7600, -9.2487, 26.5205

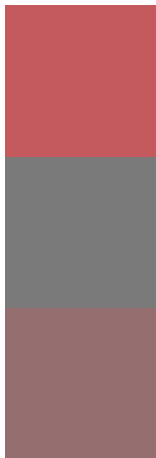
Deuteranomaly

123.1050, -15.8278, 36.7419

Tritanomaly

122.2640, -13.4412, 64.6665

Monochromacy



Original Color

122.1500, -13.8780, 64.7664

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8890, -4.8753, 23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1500, -13.8780, 64.7664 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, 90, 94)` looks like.

```
.text, #text, p{  
    color:rgb(196, 90, 94)  
}
```

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, 90, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 90, 94) }
```

Border

The CSS property to change the border of an element to YUV 122.1500, -13.8780, 64.7664 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, 90, 94) }
```


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

```
.border{ border-color:rgb(196, 90, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 90, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 90, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 90, 94);  
box-shadow:4px 4px 4px 4px rgb(196, 90,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 122.1500, -13.8780, 64.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 90, 94) }
```

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

```
.background{ background-color: rgb(196, 90,  
94) }
```

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