

Converting Colors

YUV(125.1670, -16.3513,
64.7515)

Have a look what the booklet for
YUV(125.1670, -16.3513, 64.7515)
contains.

YUV(125.1670, -16.3513, 64.7515)	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(125.1670, -16.3513,
64.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	C75E5C
RGB	199, 94, 92
RGB Percent	78%, 37%, 36%
CMY	0.2196, 0.6314, 0.6392
CMYK	0.00, 0.53, 0.54, 0.22
HSL	1°, 49%, 57%
HSV	1°, 54%, 78%
XYZ	29.4877, 20.9202, 12.6091
YIQ	125.1670, 63.2220, 21.6380

Conversions

Conversions Part 2

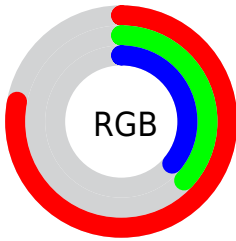
Format	Color
R_{YB}	199, 94, 92
Decimal	13065820
CIE _{Lab}	52.86, 41.66, 21.24
CIE _{LCh}	53, 46.767, 27.015
Yxy	20.9202, 0.4679, 0.3320
Android (android.graphics.Color)	4291255900 (0xFFC75E5C)
YUV	125.1670, -16.3513, 64.7515
Hunter-Lab	45.7386, 35.0362, 15.6722

Details

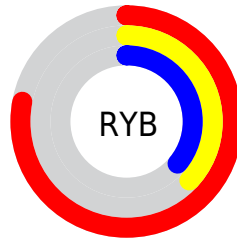
The YUV color **125.1670, -16.3513, 64.7515** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **165.8330, 16.3513, -64.7515**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7220, -18.1039, 66.8958**, and **71.7580, -12.6987, 59.8482** is the 20% darker color. If you saturate the color by 10%, you get **111.1470, -19.2995, 77.0471**, and if you desaturate by 10%, it is **139.1870, -13.4032, 52.4560**.

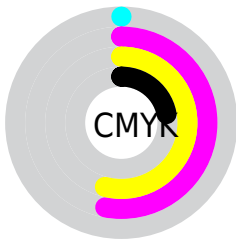
Distribution



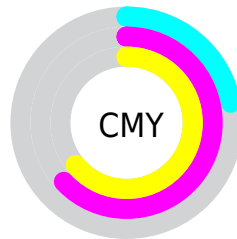
- Red (78%)
- Green (37%)
- Blue (36%)



- Red (78%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (54%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.1670, -16.3513, 64.7515 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 125.1670, -16.3513, 64.7515 by changing the saturation by 10% instead.


 125.1670,
-16.3513, 64.7515


 125.1670,
-16.3513, 64.7515


255.0000, 0.0000,
0.0000


 98.1990, -14.8881,
62.0925


 178.7220,
-18.1039, 66.8958

 71.7580, -12.6987,
59.8482


 197.6490,
-14.1240, 50.2968

 43.3820, -9.0623,
60.1780


 217.7500,
-10.7227, 32.6683

 25.1160, -12.3822,
51.6413

 237.3780, -6.5954,
15.4545

 17.0430, -8.4022,
35.0423

254.6580, -1.3104,
0.2999

 6.8770, -3.3904,
14.1399

 0.0000, 0.0000,

0.0000

■ 125.1670,
-16.3513, 64.7515

■ 125.1670,
-16.3513, 64.7515

■ 111.1470,
-19.2995, 77.0471

■ 139.1870,
-13.4032, 52.4560

■ 97.7140, -22.5370,
88.8278

■ 152.6200,
-10.1657, 40.6753

■ 83.6940, -25.4851,
101.1234

■ 166.6400, -7.2175,
28.3797

■ 70.2610, -28.7227,
112.9041

■ 180.0730, -3.9800,
16.5990

■ 61.8490, -30.4916,
120.2814

■ 194.0930, -1.0318,
4.3034

■ 207.4120, 1.7689,
-7.3773

■ 221.4320, 4.7170,
-19.6729

■ 234.8650, 7.9546,
-31.4536

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



127.3680, 2.2836, 61.0673



125.1670, -16.3513, 64.7515



124.5400, -32.3112, 50.3924

Triad

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



125.1670, -16.3513, 64.7515



110.5280, -14.5573, -44.3131



100.9680, 51.7808, -88.5489

Complementary

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



125.1670, -16.3513, 64.7515



165.8330, 16.3513, -64.7515

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.



104.7690, 43.4979, -91.8824



125.1670, -16.3513, 64.7515



99.4960, 10.6015, -87.2580

Square

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



125.1670, -16.3513, 64.7515



118.4330, -33.7375, -5.6417



104.1700, 28.5102, -91.3571



127.4300, 34.7910, -5.6391

Rectangle

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



125.1670, -16.3513, 64.7515



123.1330, -38.5196, 34.9634



104.1700, 28.5102, -91.3571



103.0880, 49.7496, -90.4082

Sweetspot

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



125.1670, -16.3513, 64.7515



226.8460, -6.3331, 24.6911



135.9630, 30.0912, 55.2834



111.0620, -3.9746, 14.8546



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.



125.1670, -16.3513, 64.7515



140.3950, -25.3377, 100.5086



156.2780, -31.6891, 37.4672



92.6910, -1.3267, 5.5330



50.4980, -24.8955, 98.6643



11.3510, -5.5960, 21.6172

Inverse Universe

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



165.8330, 16.3513, -64.7515



203.6050, 25.3377, -100.5086



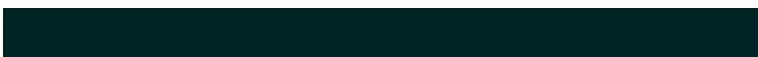
134.7220, 31.6891, -37.4672



96.3090, 1.3267, -5.5330



112.5020, 24.8955, -98.6643



24.6490, 5.5960, -21.6172

Previews

White Background



This preview shows how the YUV color 125.1670, -16.3513, 64.7515 looks on a white background.

Color Contrast Check

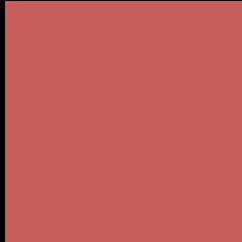
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1670, -16.3513, 64.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

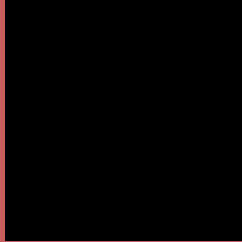
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.1670, -16.3513, 64.7515

Background



This preview shows how black text looks on a background with the YUV color 125.1670, -16.3513, 64.7515.



This preview shows how white text looks on a background with the YUV color 125.1670, -16.3513,

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

125.1670, -16.3513, 64.7515

Protanopia

126.2260, -9.4784, 6.8178

Deuteranopia

126.0940, -19.2733, 21.8426



Tritanopia

125.3780, -13.0044, 64.5665

Trichromacy



Original Color

125.1670, -16.3513, 64.7515

Protanomaly

125.7880, -11.7275, 28.2499

Deuteranomaly

125.5350, -18.0118, 37.2418

Tritanomaly

125.0360, -14.3147, 64.8664

Monochromacy



Original Color

125.1670, -16.3513, 64.7515

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2480, -6.0383, 23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.1670, -16.3513, 64.7515 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(199, 94, 92)` looks like.

```
.text, #text, p{  
    color:rgb(199, 94, 92)  
}
```

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(199, 94, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 94, 92) }
```

Border

The CSS property to change the border of an element to YUV 125.1670, -16.3513, 64.7515 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(199, 94, 92) }
```


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

```
.border{ border-color:rgb(199, 94, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 94, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 94, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 94, 92);  
box-shadow:4px 4px 4px 4px rgb(199, 94,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 125.1670, -16.3513, 64.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 94, 92) }
```

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

```
.background{ background-color: rgb(199, 94,  
92) }
```

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