

Converting Colors

YUV(118.4320, -28.3140,
75.0431)

Have a look what the booklet for
YUV(118.4320, -28.3140, 75.0431)
contains.

YUV(118.4320, -28.3140, 75.0431)	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(118.4320, -28.3140,
75.0431)**

Conversions

Conversions Part 1

Format	Color
Hex	CC563D
RGB	204, 86, 61
RGB Percent	80%, 34%, 24%
CMY	0.2000, 0.6627, 0.7608
CMYK	0.00, 0.58, 0.70, 0.20
HSL	10°, 58%, 52%
HSV	10°, 70%, 80%
XYZ	29.0719, 19.8299, 6.7102
YIQ	118.4320, 78.3530, 17.2410

Conversions

Conversions Part 2

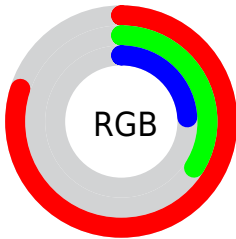
Format	Color
R_{YB}	204, 91, 61
Decimal	13391421
CIE Lab	51.64, 45.31, 37.63
CIE LCh	52, 58.902, 39.706
Yxy	19.8299, 0.5228, 0.3566
Android (android.graphics.Color)	4291581501 (0xFFCC563D)
YUV	118.4320, -28.3140, 75.0431
Hunter-Lab	44.5307, 38.6051, 22.2373

Details

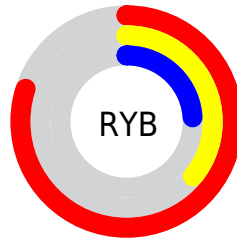
The YUV color **118.4320, -28.3140, 75.0431** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **146.5680, 28.3140, -75.0431**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2640, -30.2032, 74.3135**, and **63.3650, -23.3509, 69.8399** is the 20% darker color. If you saturate the color by 10%, you get **106.1730, -32.1303, 85.7943**, and if you desaturate by 10%, it is **130.6910, -24.4977, 64.2920**.

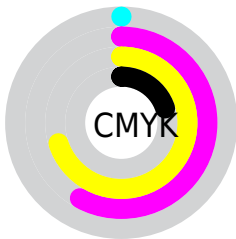
Distribution



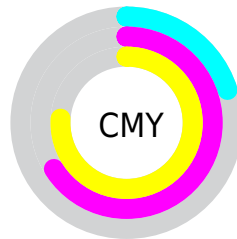
- Red (80%)
- Green (34%)
- Blue (24%)



- Red (80%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (20%)





- Cyan (20%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.4320, -28.3140, 75.0431 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 118.4320, -28.3140, 75.0431 by changing the saturation by 10% instead.


 118.4320,
-28.3140, 75.0431

 118.4320,
-28.3140, 75.0431


255.0000, 0.0000,
0.0000

 91.2790, -26.2665,
71.6693


 170.2640,
-30.2032, 74.3135


 63.3650, -23.3509,
69.8399


 189.6640,
-26.9494, 57.2997

 34.0860, -16.8044,
70.0846


 209.1780,
-23.2588, 40.1859

 25.1160, -12.3822,
51.6413

 228.6920,
-19.5682, 23.0721

 17.1570, -7.9654,
34.9423

 248.9070,
-15.7302, 5.3436

 6.2790, -3.0955,
12.9103

 253.8600, -4.3680,

 0.0000, 0.0000,

0.9998

0.0000

■ 118.4320,
-28.3140, 75.0431

■ 118.4320,
-28.3140, 75.0431

■ 106.1730,
-32.1303, 85.7943

■ 130.6910,
-24.4977, 64.2920

■ 93.8000, -36.3834,
96.6454

■ 143.0640,
-20.2446, 53.4409

■ 82.1280, -40.4891,
106.8817

■ 155.3230,
-16.4282, 42.6897

■ 167.1090,
-11.8857, 32.3534

■ 179.3680, -8.0694,
21.6023

■ 191.6270, -4.2531,
10.8511

■ 204.0000, 0.0000,
0.0000

■ 216.2590, 3.8163,
-10.7511

■ 228.6320, 8.0694,
-21.6023

Harmonies

Analogous

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



118.3770, -4.6229, 82.9844



118.4320, -28.3140, 75.0431



117.6590, -49.6249, 50.2881

Triad

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



118.4320, -28.3140, 75.0431



94.3320, -4.1077, -82.7292



105.0870, 58.1311, -71.9903

Complementary

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



118.4320, -28.3140, 75.0431



146.5680, 28.3140, -75.0431

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.



105.8580, 55.2860, -92.8375



118.4320, -28.3140, 75.0431



102.1350, 18.1744, -89.5724

Square

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



118.4320, -28.3140, 75.0431



108.2470, -35.1248, -27.4036



106.3190, 39.2827, -93.2418



126.4420, 36.7571, 17.1524

Rectangle

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



118.4320, -28.3140, 75.0431



115.2790, -56.8325, 28.6963



106.3190, 39.2827, -93.2418



101.2590, 60.5113, -88.8041

Sweetspot

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



118.4320, -28.3140, 75.0431



223.0160, -10.8539, 28.0500



117.3230, 30.8998, 76.0157



108.5030, -6.1640, 17.0989



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.



118.4320, -28.3140, 75.0431



126.7050, -42.2526, 112.5147



159.5220, -48.5713, 39.0072



96.1640, -2.0529, 5.1182



66.6570, -32.8619, 87.1238



15.4710, -7.6272, 19.7579

Inverse Universe

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



146.5680, 28.3140, -75.0431



169.2950, 42.2526, -112.5147



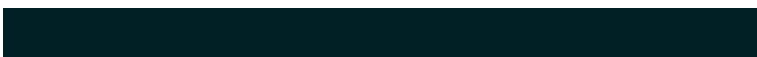
105.4780, 48.5713, -39.0072



97.8360, 2.0529, -5.1182



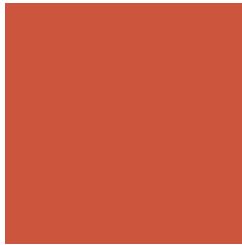
99.3430, 32.8619, -87.1238



23.1160, 7.3378, -20.2727

Previews

White Background



This preview shows how the YUV color 118.4320, -28.3140, 75.0431 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 118.4320, -28.3140, 75.0431 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 118.4320, -28.3140, 75.0431 Background



This preview shows how black text looks on a background with the YUV color 118.4320, -28.3140, 75.0431.



This preview shows how white text looks on a background with the YUV color 118.4320, -28.3140,

75.0431.

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

118.4320, -28.3140, 75.0431

Protanopia

121.5890, -23.4614, 11.7614

Deuteranopia

121.1690, -33.1143, 27.9158



Tritanopia

120.0480, -15.7997, 74.5029

Trichromacy



Original Color

118.4320, -28.3140, 75.0431

Protanomaly

120.2760, -25.2791, 34.8379

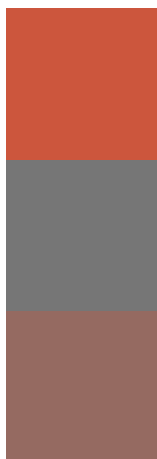
Deuteranomaly

120.1480, -31.1320, 45.4742

Tritanomaly

119.4950, -20.4570, 74.9879

Monochromacy



Original Color

118.4320, -28.3140, 75.0431

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8310, -10.2697, 27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4320, -28.3140, 75.0431 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(204, 86, 61)` looks like.

```
.text, #text, p{  
    color:rgb(204, 86, 61)  
}
```

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(204, 86, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 86, 61) }
```

Border

The CSS property to change the border of an element to YUV 118.4320, -28.3140, 75.0431 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(204, 86, 61) }
```


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

```
.border{ border-color:rgb(204, 86, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 86, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 86, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 86, 61);  
box-shadow:4px 4px 4px 4px rgb(204, 86,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 118.4320, -28.3140, 75.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 86, 61) }
```

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

```
.background{ background-color: rgb(204, 86,  
61) }
```

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