

Converting Colors

YUV(68.2060, -5.0316,
120.8453)

Have a look what the booklet for
YUV(68.2060, -5.0316, 120.8453)
contains.

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Color

**YUV(68.2060, -5.0316,
120.8453)**

Conversions

Conversions Part 1

Format	Color
Hex	CE003A
RGB	206, 0, 58
RGB Percent	81%, 0%, 23%
CMY	0.1922, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.72, 0.19
HSL	343°, 100%, 40%
HSV	343°, 100%, 81%
XYZ	26.2173, 13.4273, 5.2129
YIQ	68.2060, 104.1580, 61.7100

Conversions

Conversions Part 2

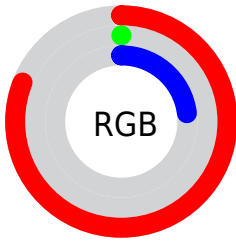
Format	Color
R_{YB}	206, 0, 58
Decimal	13500474
CIE _{Lab}	43.40, 69.44, 29.79
CIE _{LCh}	43, 75.562, 23.220
Yxy	13.4273, 0.5845, 0.2993
Android (android.graphics.Color)	4291690554 (0xFFCE003A)
YUV	68.2060, -5.0316, 120.8453
Hunter-Lab	36.6433, 63.5864, 17.2156

Details

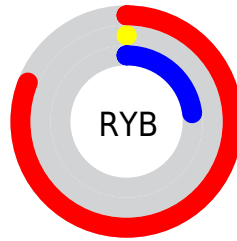
The YUV color **68.2060, -5.0316, 120.8453** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **137.7940, 5.0316, -120.8453**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2840, -16.9020, 101.4829**, and **44.6950, -13.6536, 86.2135** is the 20% darker color. If you saturate the color by 10%, you get **68.2060, -5.0316, 120.8453**, and if you desaturate by 10%, it is **82.2430, -4.5568, 108.5349**.

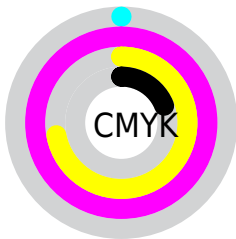
Distribution



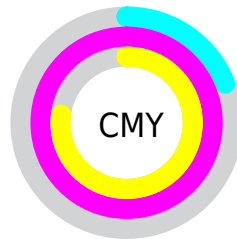
- Red (81%)
- Green (0%)
- Blue (23%)



- Red (81%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 68.2060, -5.0316, 120.8453 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 68.2060, -5.0316, 120.8453 by changing the saturation by 10% instead.


 68.2060, -5.0316,
120.8453

 68.2060, -5.0316,
120.8453


255.0000, 0.0000,
0.0000

 56.2440, -9.4873,
103.2720


 139.2840,
-16.9020, 101.4829

 44.6950, -13.6536,
86.2135


 159.7440,
-14.6638, 83.5395

 33.4880, -16.5096,
68.8550


 179.7310,
-11.6994, 66.0109

 24.4470, -11.0664,
49.5970

 199.8320, -8.2982,
48.3823

 15.4770, -6.6442,
31.1537

 220.5200, -5.1864,
30.2390

 0.0000, 0.0000,
0.0000

 241.4360, -1.2009,

11.8956

■ 68.2060, -5.0316,
120.8453

■ 82.2430, -4.5568,
108.5349

■ 95.6930, -3.7926,
96.7392

■ 109.6160, -3.7547,
84.5288

■ 123.0660, -2.9905,
72.7331

■ 137.1030, -2.5158,
60.4227

■ 151.1400, -2.0410,
48.1122

■ 164.5900, -1.2769,
36.3166

■ 178.5130, -1.2389,
24.1061

■ 191.9630, -0.4748,
12.3104

Harmonies

Analogous

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



74.3770, 22.4921, 112.8024



68.2060, -5.0316, 120.8453



91.6870, -45.2017, 78.3275

Triad

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



68.2060, -5.0316, 120.8453



73.2270, -31.6639, -64.2201



93.6110, 66.7468, -82.0968

Complementary

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



68.2060, -5.0316, 120.8453



137.7940, 5.0316, -120.8453

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.



97.1040, 52.2067, -85.1602



68.2060, -5.0316, 120.8453



84.3530, 0.8120, -73.9776

Square

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



68.2060, -5.0316, 120.8453



90.2400, -44.4883, -10.7345



92.3500, 28.9145, -80.9909



92.5280, 62.8437, -43.4361

Rectangle

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



68.2060, -5.0316, 120.8453



96.5280, -47.5883, 50.4029



92.3500, 28.9145, -80.9909



95.9760, 63.1158, -84.1710

Sweetspot

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



68.2060, -5.0316, 120.8453



204.1180, -2.0302, 44.6235



67.7360, 68.1642, 70.3915



97.2360, -1.1023, 26.9800



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.



68.2060, -5.0316, 120.8453



84.4530, -6.1393, 149.5697



88.0090, -43.3884, 103.4781



95.3320, -0.1637, 5.8478



54.9920, -3.9401, 97.3540



12.6160, -0.7967, 22.2618

Inverse Universe

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



68.2060, -5.0316, 120.8453



84.4530, -6.1393, 149.5697



117.9910, 43.3884, -103.4781



95.3320, -0.1637, 5.8478



54.9920, -3.9401, 97.3540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 68.2060, -5.0316, 120.8453 looks on a white 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

Black Background



This preview shows how the YUV color 68.2060, -5.0316, 120.8453 looks on a black 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

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

YUV 68.2060, -5.0316, 120.8453

Background



This preview shows how black text looks on a background with the YUV color 68.2060, -5.0316, 120.8453.

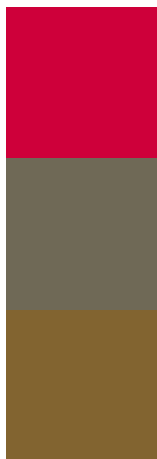


This preview shows how white text looks on a background with the YUV color 68.2060, -5.0316,

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

68.2060, -5.0316, 120.8453

Protanopia

104.6280, -9.1836, 5.5882

Deuteranopia

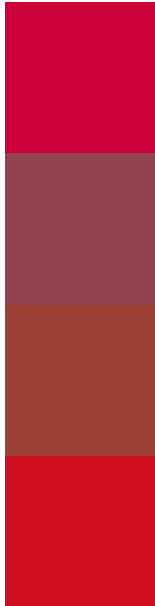
103.0420, -27.1357, 23.6422



Tritanopia

77.4350, -29.3015, 111.8745

Trichromacy



Original Color

68.2060, -5.0316, 120.8453

Protanomaly

91.6470, -7.7140, 47.6676

Deuteranomaly

90.7380, -19.0978, 58.9888

Tritanomaly

73.8620, -20.1450, 115.0080

Monochromacy



Original Color

68.2060, -5.0316, 120.8453

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8190, -1.8828, 44.0087

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2060, -5.0316, 120.8453 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(206, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 58)  
}
```

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(206, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 58) }
```

Border

The CSS property to change the border of an element to YUV 68.2060, -5.0316, 120.8453 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(206, 0, 58) }
```


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

```
.border{ border-color:rgb(206, 0, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 0, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.2060, -5.0316, 120.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 58) }
```

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

```
.background{ background-color: rgb(206, 0,  
58) }
```

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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