

Converting Colors

YUV(68.6060, 1.6732, 116.9865)

Have a look what the booklet for
YUV(68.6060, 1.6732, 116.9865)
contains.

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Color

**YUV(68.6060, 1.6732,
116.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0048
RGB	202, 0, 72
RGB Percent	79%, 0%, 28%
CMY	0.2078, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.64, 0.21
HSL	339°, 100%, 40%
HSV	339°, 100%, 79%
XYZ	25.5268, 13.0244, 7.2994
YIQ	68.6060, 97.2800, 65.2160

Conversions

Conversions Part 2

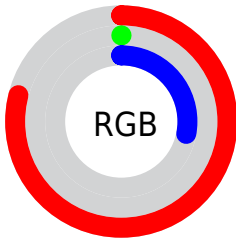
Format	Color
RYB	202, 0, 72
Decimal	13238344
CIELab	42.80, 69.15, 20.13
CIElCh	43, 72.017, 16.234
Yxy	13.0244, 0.5567, 0.2841
Android (android.graphics.Color)	4291428424 (0xFFCA0048)
YUV	68.6060, 1.6732, 116.9865
Hunter-Lab	36.0894, 63.1006, 13.2706

Details

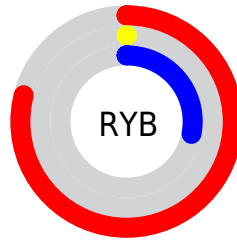
The YUV color **68.6060, 1.6732, 116.9865** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **133.3940, -1.6732, -116.9865**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4070, -10.0607, 100.4981**, and **45.2800, -7.5330, 83.0694** is the 20% darker color. If you saturate the color by 10%, you get **68.6060, 1.6732, 116.9865**, and if you desaturate by 10%, it is **81.8280, 1.5638, 105.3908**.

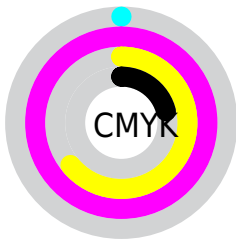
Distribution



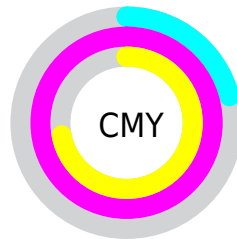
- Red (79%)
- Green (0%)
- Blue (28%)



- Red (79%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6060, 1.6732, 116.9865 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 68.6060, 1.6732, 116.9865 by changing the saturation by 10% instead.

■ 68.6060, 1.6732,
116.9865

■ 68.6060, 1.6732,
116.9865

255.0000, 0.0000,
0.0000

■ 56.8290, -3.3667,
100.1280

■ 140.4070,
-10.0607, 100.4981

■ 45.2800, -7.5330,
83.0694

■ 160.9810, -7.3856,
82.4547

■ 33.1610, -13.8834,
66.5108

■ 180.9680, -4.4212,
64.9261

■ 23.9630, -10.3348,
48.2674

■ 201.6560, -1.3094,
46.7827

■ 14.8790, -6.3493,
29.9241

■ 221.8710, 2.5286,
29.0541

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 68.6060, 1.6732,
116.9865

■ 81.8280, 1.5638,
105.3908

■ 95.0500, 1.4544,
93.7952

■ 108.8590, 1.0555,
81.6847

■ 122.0810, 0.9461,
70.0890

■ 135.3030, 0.8366,
58.4933

■ 148.5250, 0.7272,
46.8976

■ 161.7470, 0.6177,
35.3019

■ 175.5560, 0.2189,
23.1914

■ 188.7780, 0.1094,
11.5957

Harmonies

Analogous

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



80.2610, 25.0143, 97.1181



68.6060, 1.6732, 116.9865



88.8000, -39.8344, 83.4904

Triad

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



68.6060, 1.6732, 116.9865



69.8530, -34.4375, -61.2611



92.9440, 61.6526, -81.5119

Complementary

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



68.6060, 1.6732, 116.9865



133.3940, -1.6732, -116.9865

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.



94.1060, 45.7967, -82.5310



68.6060, 1.6732, 116.9865



80.7680, -5.3086, -70.8335

Square

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



68.6060, 1.6732, 116.9865



91.5020, -45.1105, 2.1907



89.1240, 21.6309, -78.1617



82.2640, 66.4248, -72.1455

Rectangle

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



68.6060, 1.6732, 116.9865



94.2130, -46.4470, 57.6952



89.1240, 21.6309, -78.1617



94.4940, 57.4375, -82.8712

Sweetspot

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



68.6060, 1.6732, 116.9865



204.8020, 0.5906, 44.0236



61.3000, 69.3651, 58.4959



97.5780, 0.2080, 26.6801



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.



68.6060, 1.6732, 116.9865



86.6190, 2.1598, 147.6701



76.2470, -37.5898, 110.2854



95.3320, -0.1637, 5.8478



56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Inverse Universe

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



68.6060, 1.6732, 116.9865



86.6190, 2.1598, 147.6701



125.7530, 37.5898, -110.2854



95.3320, -0.1637, 5.8478



56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 68.6060, 1.6732, 116.9865 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 68.6060, 1.6732, 116.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

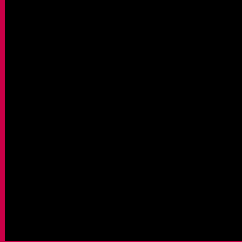
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6060, 1.6732, 116.9865

Background



This preview shows how black text looks on a background with the YUV color 68.6060, 1.6732, 116.9865.



This preview shows how white text looks on a background with the YUV color 68.6060, 1.6732,

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

68.6060, 1.6732, 116.9865

Protanopia

103.9400, 1.0156, 0.9296

Deuteranopia

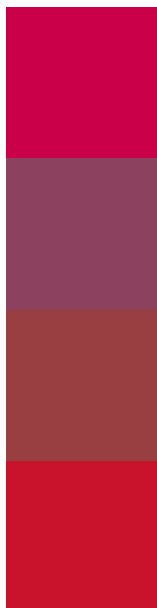
102.6700, -19.5573, 19.5834



Tritanopia

80.0860, -26.6644, 106.0416

Trichromacy



Original Color

68.6060, 1.6732, 116.9865

Protanomaly

91.3180, 1.3222, 42.6941

Deuteranomaly

90.2520, -11.9562, 55.0300

Tritanomaly

75.5670, -16.0555, 110.0047

Monochromacy



Original Color

68.6060, 1.6732, 116.9865

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7910, 0.5960, 42.2793

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6060, 1.6732, 116.9865 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(202, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 72)  
}
```

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(202, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 72) }
```

Border

The CSS property to change the border of an element to YUV 68.6060, 1.6732, 116.9865 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(202, 0, 72) }
```


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

```
.border{ border-color:rgb(202, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.6060, 1.6732, 116.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 72) }
```

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

```
.background{ background-color: rgb(202, 0,  
72) }
```

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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