

Converting Colors

YUV(71.4600, -3.6778,
106.5906)

Have a look what the booklet for
YUV(71.4600, -3.6778, 106.5906)
contains.

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Color

**YUV(71.4600, -3.6778,
106.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	C10B40
RGB	193, 11, 64
RGB Percent	76%, 4%, 25%
CMY	0.2431, 0.9569, 0.7490
CMYK	0.00, 0.94, 0.67, 0.24
HSL	343°, 89%, 40%
HSV	343°, 94%, 76%
XYZ	23.0374, 11.9470, 5.9423
YIQ	71.4600, 91.4590, 55.0670

Conversions

Conversions Part 2

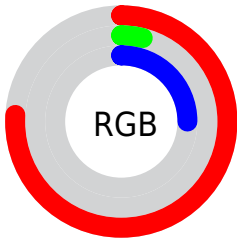
Format	Color
RYB	193, 11, 64
Decimal	12651328
CIELab	41.13, 65.49, 22.64
CIElCh	41, 69.292, 19.071
Yxy	11.9470, 0.5629, 0.2919
Android (android.graphics.Color)	4290841408 (0xFFC10B40)
YUV	71.4600, -3.6778, 106.5906
Hunter-Lab	34.5644, 58.4838, 14.0020

Details

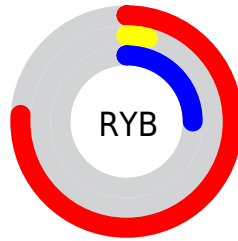
The YUV color **71.4600, -3.6778, 106.5906** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.5400, 3.6778, -106.5906**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9680, -14.2812, 100.8831**, and **41.7910, -9.2640, 78.2363** is the 20% darker color. If you saturate the color by 10%, you get **64.0910, -3.9889, 113.0532**, and if you desaturate by 10%, it is **84.2090, -3.0610, 95.4097**.

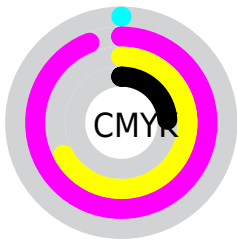
Distribution



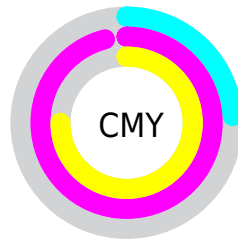
- Red (76%)
- Green (4%)
- Blue (25%)



- Red (76%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (94%)
- Yellow (67%)
- Black (24%)




- Cyan (24%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.4600, -3.6778, 106.5906 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 71.4600, -3.6778, 106.5906 by changing the saturation by 10% instead.


 71.4600, -3.6778,
106.5906


 71.4600, -3.6778,
106.5906


255.0000, 0.0000,
0.0000

 53.2260, -5.5344,
95.3948


 139.9680,
-14.2812, 100.8831


 41.7910, -9.2640,
78.2363


 159.9550,
-11.3168, 83.3545

 30.1990, -14.8881,
62.0925

 179.9420, -8.3524,
65.8259

 21.8700, -9.3029,
43.9640

 200.0430, -4.9512,
48.1973

 12.0740, -5.4595,
24.4911

 220.2580, -1.1132,
30.4687

 0.0000, 0.0000,
0.0000

 241.0600, 2.4354,

12.2254

■ 71.4600, -3.6778,
106.5906

■ 71.4600, -3.6778,
106.5906

■ 64.0910, -3.9889,
113.0532

■ 84.2090, -3.0610,
95.4097

■ 97.4310, -3.1705,
83.8140

■ 110.1800, -2.5537,
72.6331

■ 122.9290, -1.9370,
61.4523

■ 135.5640, -1.7571,
50.3714

■ 148.9000, -1.4297,
38.6757

■ 161.6490, -0.8130,
27.4948

■ 174.2840, -0.6330,
16.4139

■ 187.6200, -0.3057,
4.7183

Harmonies

Analogous

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



75.4520, 21.9622, 96.0736



71.4600, -3.6778, 106.5906



86.1860, -41.9967, 77.0129

Triad

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



71.4600, -3.6778, 106.5906



67.6190, -32.8432, -59.3019



88.5100, 59.8946, -77.6233

Complementary

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



71.4600, -3.6778, 106.5906



132.5400, 3.6778, -106.5906

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.



90.7150, 45.4965, -79.5571



71.4600, -3.6778, 106.5906



78.1750, -2.5513, -68.5595

Square

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



71.4600, -3.6778, 106.5906



87.0500, -42.9156, -1.7978



86.1890, 23.0778, -75.5878



76.9010, 63.6458, -67.4422

Rectangle

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



71.4600, -3.6778, 106.5906



91.2230, -44.9729, 51.5474



86.1890, 23.0778, -75.5878



90.1740, 56.1162, -79.0826

Sweetspot

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



71.4600, -3.6778, 106.5906



203.2100, -1.5825, 41.0348



69.7210, 60.7765, 59.8807



96.3390, -0.6601, 25.1357



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4600, -3.6778, 106.5906



83.0720, -4.9655, 146.3959



86.5500, -37.2462, 93.3567



90.3320, -0.1637, 5.8478



53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879

Inverse Universe

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



71.4600, -3.6778, 106.5906



83.0720, -4.9655, 146.3959



117.4500, 37.2462, -93.3566



90.3320, -0.1637, 5.8478



53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 71.4600, -3.6778, 106.5906 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 71.4600, -3.6778, 106.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

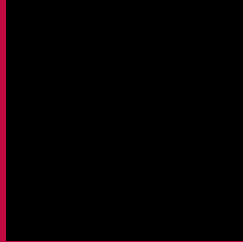
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4600, -3.6778, 106.5906

Background



This preview shows how black text looks on a background with the YUV color 71.4600, -3.6778, 106.5906.



This preview shows how white text looks on a background with the YUV color 71.4600, -3.6778,

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

71.4600, -3.6778, 106.5906

Protanopia

98.7400, -2.3368, 2.8590

Deuteranopia

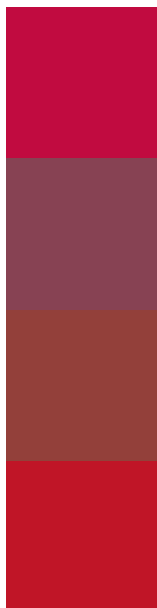
97.6270, -21.0151, 20.4981



Tritanopia

75.9930, -25.6325, 101.7381

Trichromacy



Original Color

71.4600, -3.6778, 106.5906

Protanomaly

88.5690, -2.7455, 40.7200

Deuteranomaly

88.1330, -14.8556, 51.6264

Tritanomaly

74.1810, -17.3442, 103.3273

Monochromacy



Original Color

71.4600, -3.6778, 106.5906

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9000, -1.4297, 38.6757

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4600, -3.6778, 106.5906 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(193, 11, 64)` looks like.

```
.text, #text, p{  
    color:rgb(193, 11, 64)  
}
```

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(193, 11, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 11, 64) }
```

Border

The CSS property to change the border of an element to YUV 71.4600, -3.6778, 106.5906 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(193, 11, 64) }
```


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

```
.border{ border-color:rgb(193, 11, 64) }
```

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

Here you see how a box with a 4 pixel rgb(193, 11, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 11, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 11, 64);  
box-shadow:4px 4px 4px 4px rgb(193, 11,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 71.4600, -3.6778, 106.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 11, 64) }
```

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

```
.background{ background-color: rgb(193, 11,  
64) }
```

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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