

Converting Colors

YUV(71.3700, 9.6776, 116.3165)

Have a look what the booklet for
YUV(71.3700, 9.6776, 116.3165)
contains.

YUV(71.3700, 9.6776, 116.3165)	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(71.3700, 9.6776,
116.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	CC005B
RGB	204, 0, 91
RGB Percent	80%, 0%, 36%
CMY	0.2000, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.55, 0.20
HSL	333°, 100%, 40%
HSV	333°, 100%, 80%
XYZ	26.7902, 13.5927, 11.1092
YIQ	71.3700, 92.3730, 71.5490

Conversions

Conversions Part 2

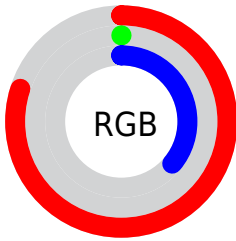
Format	Color
RYB	204, 0, 91
Decimal	13369435
CIELab	43.64, 70.75, 9.38
CIElCh	44, 71.367, 7.550
Yxy	13.5927, 0.5203, 0.2640
Android (android.graphics.Color)	4291559515 (0xFFCC005B)
YUV	71.3700, 9.6776, 116.3165
Hunter-Lab	36.8683, 65.1867, 7.9425

Details

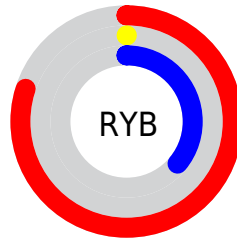
The YUV color **71.3700, 9.6776, 116.3165** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **132.6300, -9.6776, -116.3165**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3880, -1.1773, 97.8837**, and **47.7020, -0.8391, 82.6993** is the 20% darker color. If you saturate the color by 10%, you get **71.3700, 9.6776, 116.3165**, and if you desaturate by 10%, it is **84.3640, 8.6945, 104.9208**.

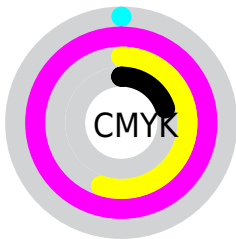
Distribution



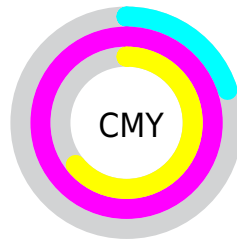
- Red (80%)
- Green (0%)
- Blue (36%)



- Red (80%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3700, 9.6776, 116.3165 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 71.3700, 9.6776, 116.3165 by changing the saturation by 10% instead.

71.3700, 9.6776,
116.3165

71.3700, 9.6776,
116.3165

255.0000, 0.0000,
0.0000

59.4790, 4.2009,
99.5579

143.3880, -1.1773,
97.8837

47.7020, -0.8391,
82.6993

163.9620, 1.4977,
79.8403

36.4520, -5.1528,
66.2556

184.6500, 4.6096,
61.6970

25.1590, -10.9244,
50.7266

204.8650, 8.4476,
43.9684

15.7760, -6.7916,
31.7684

225.6670, 11.9962,
25.7250

0.2990, -0.1474,
0.6148

243.8470, 5.4984,

0.0000, 0.0000,

9.7812

0.0000

■ 71.3700, 9.6776,
116.3165

■ 84.3640, 8.6945,
104.9208

■ 98.0590, 7.8589,
92.9103

■ 111.0530, 6.8759,
81.5145

■ 124.6340, 5.6034,
69.6040

■ 137.6280, 4.6204,
58.2082

■ 150.7360, 4.0742,
46.7125

■ 164.3170, 2.8017,
34.8020

■ 177.3110, 1.8187,
23.4063

■ 191.0060, 0.9830,
11.3957

Harmonies

Analogous

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



94.1230, 27.5474, 77.9451



71.3700, 9.6776, 116.3165



89.3570, -27.7840, 91.7719

Triad

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



71.3700, 9.6776, 116.3165



82.7100, -40.7760, -34.8257



95.4230, 58.4585, -83.6860

Complementary

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



71.3700, 9.6776, 116.3165



132.6300, -9.6776, -116.3165

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.



94.4990, 39.6870, -82.8756



71.3700, 9.6776, 116.3165



79.5310, -12.5868, -69.7487

Square

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



71.3700, 9.6776, 116.3165



96.0090, -47.3324, 14.9011



88.4740, 14.0633, -77.5917



87.5300, 66.2937, -76.7638

Rectangle

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



71.3700, 9.6776, 116.3165



94.2900, -46.4850, 69.9057



88.4740, 14.0633, -77.5917



95.9300, 52.7855, -84.1306

Sweetspot

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



71.3700, 9.6776, 116.3165



205.6000, 3.6482, 43.3238



56.7440, 72.5972, 48.4595



98.0340, 1.9552, 26.2802



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.



71.3700, 9.6776, 116.3165



89.2410, 12.2062, 145.3706



66.8660, -32.9649, 120.2665



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Inverse Universe

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



71.3700, 9.6776, 116.3165



89.2410, 12.2062, 145.3706



137.1340, 32.9649, -120.2665



95.4460, 0.2731, 5.7479



58.0700, 7.8535, 94.6546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 71.3700, 9.6776, 116.3165 looks on a white background.

Color Contrast Check

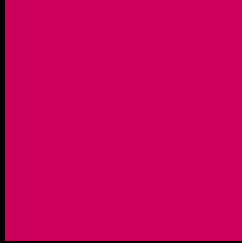
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.3700, 9.6776, 116.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

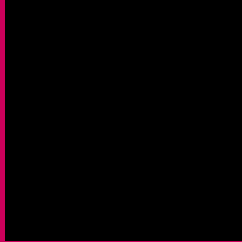
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3700, 9.6776, 116.3165

Background



This preview shows how black text looks on a background with the YUV color 71.3700, 9.6776, 116.3165.



This preview shows how white text looks on a background with the YUV color 71.3700, 9.6776,

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

71.3700, 9.6776, 116.3165

Protanopia

105.6970, 12.9674, -5.8733

Deuteranopia

105.4120, -11.5421, 15.4247



Tritanopia

85.5200, -24.9064, 102.1530

Trichromacy



Original Color

71.3700, 9.6776, 116.3165

Protanomaly

93.0430, 11.8108, 38.5503

Deuteranomaly

92.7060, -3.7991, 52.0008

Tritanomaly

80.4680, -12.5557, 107.4606

Monochromacy



Original Color

71.3700, 9.6776, 116.3165

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8880, 3.5062, 42.1942

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3700, 9.6776, 116.3165 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, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 91)  
}
```

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, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 91) }
```

Border

The CSS property to change the border of an element to YUV 71.3700, 9.6776, 116.3165 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, 0, 91) }
```


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

```
.border{ border-color:rgb(204, 0, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3700, 9.6776, 116.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 91) }
```

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

```
.background{ background-color: rgb(204, 0,  
91) }
```

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