

Converting Colors

YUV(71.9700, -0.4782,
107.0203)

Have a look what the booklet for
YUV(71.9700, -0.4782, 107.0203)
contains.

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Color

**YUV(71.9700, -0.4782,
107.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	C20A47
RGB	194, 10, 71
RGB Percent	76%, 4%, 28%
CMY	0.2392, 0.9608, 0.7216
CMYK	0.00, 0.95, 0.63, 0.24
HSL	340°, 90%, 40%
HSV	340°, 95%, 76%
XYZ	23.4940, 12.1413, 7.0665
YIQ	71.9700, 90.0830, 57.9790

Conversions

Conversions Part 2

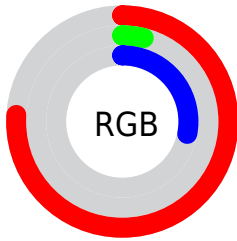
Format	Color
R_{YB}	194, 10, 71
Decimal	12716615
CIE Lab	41.44, 66.21, 18.66
CIE LCh	41, 68.787, 15.741
Yxy	12.1413, 0.5502, 0.2843
Android (android.graphics.Color)	4290906695 (0xFFC20A47)
YUV	71.9700, -0.4782, 107.0203
Hunter-Lab	34.8444, 59.3766, 12.3671

Details

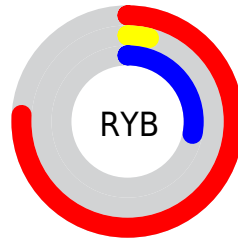
The YUV color **71.9700, -0.4782, 107.0203** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **132.0300, 0.4782, -107.0203**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8800, -10.7868, 100.0832**, and **42.7740, -6.7906, 78.2512** is the 20% darker color. If you saturate the color by 10%, you get **65.3020, -0.6419, 112.8681**, and if you desaturate by 10%, it is **84.6050, -0.2983, 95.9394**.

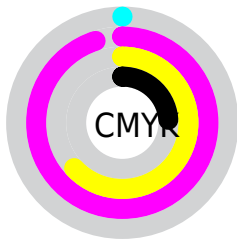
Distribution



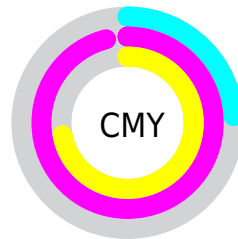
- Red (76%)
- Green (4%)
- Blue (28%)



- Red (76%)
- Yellow (4%)
- Blue (28%)



- Cyan (0%)
- Magenta (95%)
- Yellow (63%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.9700, -0.4782, 107.0203 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 71.9700, -0.4782, 107.0203 by changing the saturation by 10% instead.


 71.9700, -0.4782,
107.0203

 71.9700, -0.4782,
107.0203


255.0000, 0.0000,
0.0000


 54.3230, -2.6242,
95.3097


 140.8800,
-10.7868, 100.0832


 42.7740, -6.7906,
78.2512


 160.8670, -7.8224,
82.5546


 30.7260, -14.1619,
62.5073

 180.8540, -4.8580,
65.0260

 22.1690, -9.4503,
44.5788

 200.9550, -1.4568,
47.3975

 12.6720, -5.7543,
25.7207

 221.1700, 2.3812,
29.6689

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 71.9700, -0.4782,
107.0203

■ 71.9700, -0.4782,
107.0203

■ 65.3020, -0.6419,
112.8681

■ 84.6050, -0.2983,
95.9394

■ 97.8270, -0.4077,
84.3437

■ 110.4620, -0.2278,
73.2628

■ 123.6840, -0.3372,
61.6671

■ 136.3190, -0.1573,
50.5862

■ 148.9540, 0.0227,
39.5053

■ 162.1760, -0.0868,
27.9096

■ 174.8110, 0.0932,
16.8288

■ 188.0330, -0.0163,
5.2331

Harmonies

Analogous

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



82.1090, 22.1313, 88.4814



71.9700, -0.4782, 107.0203



86.6900, -36.3292, 79.2019

Triad

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



71.9700, -0.4782, 107.0203



67.5050, -33.2800, -59.2019



89.5700, 58.8790, -78.5529

Complementary

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



71.9700, -0.4782, 107.0203



132.0300, 0.4782, -107.0203

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.



90.7320, 43.0231, -79.5720



71.9700, -0.4782, 107.0203



78.1920, -5.0247, -68.5744

Square

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



71.9700, -0.4782, 107.0203



88.5560, -43.6581, 3.0204



86.0920, 20.1676, -75.5027



79.4770, 63.3618, -69.7013

Rectangle

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



71.9700, -0.4782, 107.0203



91.5440, -45.1312, 55.6509



86.0920, 20.1676, -75.5027



91.1200, 54.6638, -79.9122

Sweetspot

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



71.9700, -0.4782, 107.0203



205.5520, -0.2721, 40.7349



67.7530, 62.2398, 57.2216



98.8660, 0.0661, 25.5505



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.



71.9700, -0.4782, 107.0203



84.9240, -0.4555, 146.5257



83.2130, -36.0940, 97.1602



90.3320, -0.1637, 5.8478



54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Inverse Universe

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



71.9700, -0.4782, 107.0203



84.9240, -0.4555, 146.5257



120.7870, 36.0940, -97.1602



90.3320, -0.1637, 5.8478



54.1810, -0.5822, 93.6803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 71.9700, -0.4782, 107.0203 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 71.9700, -0.4782, 107.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

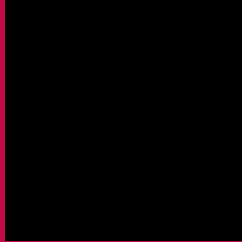
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9700, -0.4782, 107.0203

Background



This preview shows how black text looks on a background with the YUV color 71.9700, -0.4782, 107.0203.



This preview shows how white text looks on a background with the YUV color 71.9700, -0.4782,

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

71.9700, -0.4782, 107.0203

Protanopia

99.8690, 2.0366, 0.1149

Deuteranopia

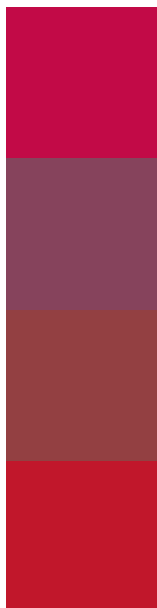
98.8270, -17.6627, 18.5687



Tritanopia

78.3950, -25.3377, 100.5086

Trichromacy



Original Color

71.9700, -0.4782, 107.0203

Protanomaly

89.8830, 1.0437, 38.6906

Deuteranomaly

89.0450, -11.3612, 50.8265

Tritanomaly

76.1100, -16.3232, 102.5125

Monochromacy



Original Color

71.9700, -0.4782, 107.0203

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6550, 0.1701, 38.8906

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9700, -0.4782, 107.0203 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(194, 10, 71)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 71)  
}
```

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(194, 10, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 71) }
```

Border

The CSS property to change the border of an element to YUV 71.9700, -0.4782, 107.0203 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(194, 10, 71) }
```


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

```
.border{ border-color:rgb(194, 10, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 10, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 71);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 71.9700, -0.4782, 107.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 10, 71) }
```

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

```
.background{ background-color: rgb(194, 10,  
71) }
```

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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