

Converting Colors

YUV(70.7720, 9.9724, 115.0870)

Have a look what the booklet for
YUV(70.7720, 9.9724, 115.0870)
contains.

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Color

**YUV(70.7720, 9.9724,
115.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	CA005B
RGB	202, 0, 91
RGB Percent	79%, 0%, 36%
CMY	0.2078, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.55, 0.21
HSL	333°, 100%, 40%
HSV	333°, 100%, 79%
XYZ	26.2454, 13.3119, 11.0837
YIQ	70.7720, 91.1810, 71.1250

Conversions

Conversions Part 2

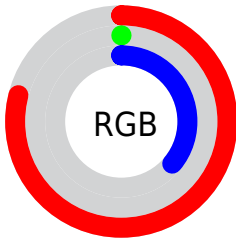
Format	Color
R_{YB}	202, 0, 91
Decimal	13238363
CIE _{Lab}	43.23, 70.29, 8.74
CIE _{LCh}	43, 70.834, 7.084
Yxy	13.3119, 0.5183, 0.2629
Android (android.graphics.Color)	4291428443 (0xFFCA005B)
YUV	70.7720, 9.9724, 115.0870
Hunter-Lab	36.4855, 64.5526, 7.5285

Details

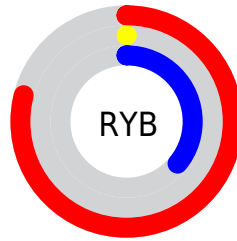
The YUV color **70.7720, 9.9724, 115.0870** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **131.2280, -9.9724, -115.0870**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3880, -1.1773, 97.8837**, and **47.4030, -0.6917, 82.0846** is the 20% darker color. If you saturate the color by 10%, you get **70.7720, 9.9724, 115.0870**, and if you desaturate by 10%, it is **83.7660, 8.9894, 103.6912**.

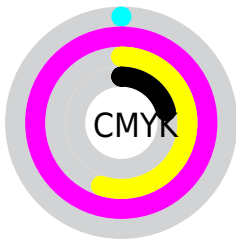
Distribution



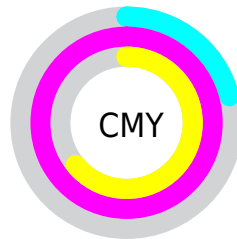
- Red (79%)
- Green (0%)
- Blue (36%)



- Red (79%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (21%)




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

Brightness & Saturation Gradients


These gradients show how the YUV color 70.7720, 9.9724, 115.0870 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 70.7720, 9.9724, 115.0870 by changing the saturation by 10% instead.


 70.7720, 9.9724,
115.0870


 70.7720, 9.9724,
115.0870


255.0000, 0.0000,
0.0000


 58.8810, 4.4957,
98.3284


 143.3880, -1.1773,
97.8837


 47.4030, -0.6917,
82.0846


 163.9620, 1.4977,
79.8403


 35.8540, -4.8580,
65.0260

 184.0630, 4.8989,
62.2117

 24.5610, -10.6296,
49.4970

 204.8650, 8.4476,
43.9684

 15.4770, -6.6442,
31.1537

 225.0800, 12.2856,
26.2398

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 70.7720, 9.9724,
115.0870

■ 83.7660, 8.9894,
103.6912

■ 96.7600, 8.0063,
92.2955

■ 110.3410, 6.7339,
80.3849

■ 123.3350, 5.7508,
68.9892

■ 136.4430, 5.2046,
57.4935

■ 149.4370, 4.2216,
46.0978

■ 162.4310, 3.2385,
34.7020

■ 176.0120, 1.9661,
22.7915

■ 189.0060, 0.9830,
11.3957

Harmonies

Analogous

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



93.1120, 27.5528, 76.2008



70.7720, 9.9724, 115.0870



88.2860, -26.7630, 90.9572

Triad

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



70.7720, 9.9724, 115.0870



81.8350, -40.3447, -33.1813



94.4940, 57.4375, -82.8712

Complementary

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



70.7720, 9.9724, 115.0870



131.2280, -9.9724, -115.0870

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.



93.5700, 38.6660, -82.0609



70.7720, 9.9724, 115.0870



78.8300, -12.7342, -69.1339

Square

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



70.7720, 9.9724, 115.0870



94.5360, -46.6062, 15.3159



87.6590, 13.4791, -76.8769



87.3020, 65.4201, -76.5639

Rectangle

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



70.7720, 9.9724, 115.0870



93.1050, -45.9008, 69.1909



87.6590, 13.4791, -76.8769



95.1150, 52.2013, -83.4159

Sweetspot

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



70.7720, 9.9724, 115.0870



205.6000, 3.6482, 43.3238



55.3200, 72.3132, 46.2004



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.



70.7720, 9.9724, 115.0870



89.3550, 12.6430, 145.2707



64.5070, -31.8020, 120.5814



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Inverse Universe

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



70.7720, 9.9724, 115.0870



89.3550, 12.6430, 145.2707



137.4930, 31.8020, -120.5814



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 70.7720, 9.9724, 115.0870 looks on a white background.

Color Contrast Check

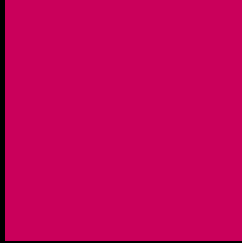
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.7720, 9.9724, 115.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

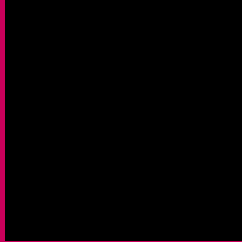
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7720, 9.9724, 115.0870

Background



This preview shows how black text looks on a background with the YUV color 70.7720, 9.9724, 115.0870.



This preview shows how white text looks on a background with the YUV color 70.7720, 9.9724,

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

70.7720, 9.9724, 115.0870

Protanopia

104.5120, 13.5516, -6.5880

Deuteranopia

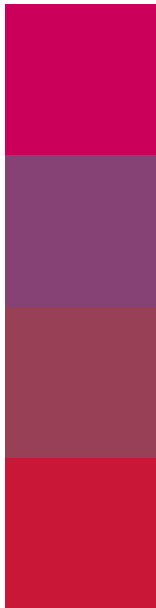
104.6400, -10.6685, 15.2247



Tritanopia

84.9220, -24.6115, 100.9234

Trichromacy



Original Color

70.7720, 9.9724, 115.0870

Protanomaly

92.4450, 12.1056, 37.3207

Deuteranomaly

92.5210, -3.2149, 51.2861

Tritanomaly

79.8700, -12.2609, 106.2310

Monochromacy



Original Color

70.7720, 9.9724, 115.0870

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 70.7720, 9.9724, 115.0870 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 91) }
```

Border

The CSS property to change the border of an element to YUV 70.7720, 9.9724, 115.0870 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, 91) }
```


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

```
.border{ border-color:rgb(202, 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(202, 0, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.7720, 9.9724, 115.0870 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, 91) }
```

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

```
.background{ background-color: rgb(202, 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](#).

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