

Converting Colors

YUV(97.7030, 34.6564, 84.4525)

Have a look what the booklet for
YUV(97.7030, 34.6564, 84.4525)
contains.

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Color

**YUV(97.7030, 34.6564,
84.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	C223A8
RGB	194, 35, 168
RGB Percent	76%, 14%, 66%
CMY	0.2392, 0.8627, 0.3412
CMYK	0.00, 0.82, 0.13, 0.24
HSL	310°, 69%, 45%
HSV	310°, 82%, 76%
XYZ	29.9170, 15.4986, 38.4605
YIQ	97.7030, 52.0710, 75.0710

Conversions

Conversions Part 2

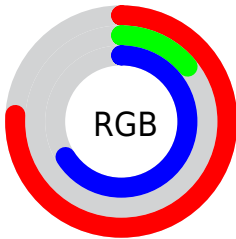
Format	Color
R_{YB}	194, 35, 168
Decimal	12723112
CIE _{Lab}	46.31, 71.54, -33.95
CIE _{LCh}	46, 79.188, 334.615
Yxy	15.4986, 0.3567, 0.1848
Android (android.graphics.Color)	4290913192 (0xFFC223A8)
YUV	97.7030, 34.6564, 84.4525
Hunter-Lab	39.3682, 66.7530, -30.3652

Details

The YUV color **97.7030, 34.6564, 84.4525** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **131.2970, -34.6564, -84.4525**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7690, 31.1729, 81.7636**, and **53.7740, 30.1844, 72.1122** is the 20% darker color. If you saturate the color by 10%, you get **86.2080, 38.8445, 94.5336**, and if you desaturate by 10%, it is **109.1980, 30.4684, 74.3714**.

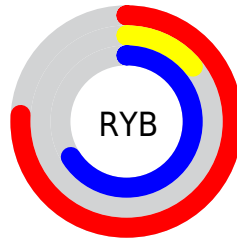
Distribution



Red (76%)

Green (14%)

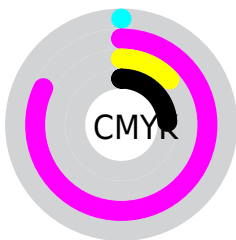
Blue (66%)



Red (76%)

Yellow (14%)

Blue (66%)

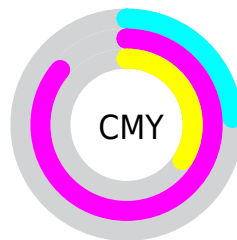


Cyan (0%)

Magenta (82%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (86%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.7030, 34.6564, 84.4525 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 97.7030, 34.6564, 84.4525 by changing the saturation by 10% instead.


 97.7030, 34.6564,
84.4525


 97.7030, 34.6564,
84.4525


255.0000, 0.0000,
0.0000


 65.4090, 37.2664,
87.3413


 160.7690, 31.1729,
81.7636


 53.7740, 30.1844,
72.1122


 181.2830, 34.8635,
64.6498


 42.5520, 23.3919,
57.3979


 198.6480, 27.7815,
49.4207

 31.4440, 17.0361,
42.5836

 215.6710, 19.3892,
34.4915

 21.1620, 11.2591,
28.7989

 233.2810, 10.7075,
19.0476

 8.1890, 6.8088,
9.4812

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 97.7030, 34.6564,
84.4525

■ 97.7030, 34.6564,
84.4525

■ 86.2080, 38.8445,
94.5336

■ 109.1980, 30.4684,
74.3714

■ 76.4740, 42.1643,
103.0703

■ 121.2800, 25.9910,
63.7754

■ 132.8890, 22.2397,
53.5943

■ 144.9710, 17.7623,
42.9984

■ 156.4660, 13.5743,
32.9173

■ 167.9610, 9.3862,
22.8362

■ 180.0430, 4.9088,
12.2403

■ 191.5380, 0.7208,
2.1592

■ 203.7340, -3.3199,
-8.5367

Harmonies

Analogous

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



110.0610, 54.6929, 4.3315



97.7030, 34.6564, 84.4525



77.8210, 12.4132, 125.5680

Triad

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



97.7030, 34.6564, 84.4525



102.5320, -50.5483, 19.7044



101.3950, 40.7243, -88.9234

Complementary

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



97.7030, 34.6564, 84.4525



131.2970, -34.6564, -84.4525

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.



93.9850, 12.3324, -82.4248



97.7030, 34.6564, 84.4525



88.9120, -43.8336, -34.1258

Square

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



97.7030, 34.6564, 84.4525



101.6440, -50.1105, 66.0872



84.0160, -18.2489, -73.6820



103.2310, 62.9901, -90.5336

Rectangle

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



97.7030, 34.6564, 84.4525



76.4300, -8.1000, 125.0339



84.0160, -18.2489, -73.6820



99.1150, 31.9883, -86.9239

Sweetspot

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



97.7030, 34.6564, 84.4525



213.8790, 13.8637, 33.4321



60.3020, 65.9131, -1.1419



104.3090, 8.2287, 20.7770



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.



97.7030, 34.6564, 84.4525



102.4510, 54.0077, 131.1545



88.9250, 1.0230, 92.1508



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Inverse Universe

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



97.7030, 34.6564, 84.4525



102.4510, 54.0077, 131.1545



140.0750, -1.0230, -92.1508



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 97.7030, 34.6564, 84.4525 looks on a white background.

Color Contrast Check

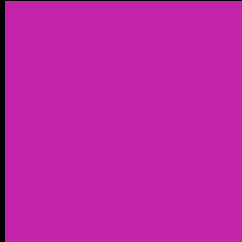
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.7030, 34.6564, 84.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

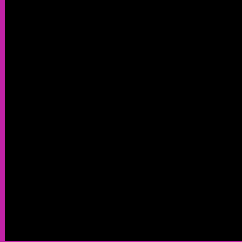
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7030, 34.6564, 84.4525

Background



This preview shows how black text looks on a background with the YUV color 97.7030, 34.6564, 84.4525.



This preview shows how white text looks on a background with the YUV color 97.7030, 34.6564,

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

97.7030, 34.6564, 84.4525

Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

110.0900, 23.6196, -15.8649



Tritanopia

106.3570, -14.4730, 68.9699

Trichromacy



Original Color

97.7030, 34.6564, 84.4525



Protanomaly

92.2600, 56.0738, -18.6450



Deuteranomaly

105.7600, 27.7263, 20.3815



Tritanomaly

103.3850, 3.2612, 74.2074

Monochromacy



Original Color

97.7030, 34.6564, 84.4525



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.8140, 12.4167, 30.8581

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7030, 34.6564, 84.4525 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, 35, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 35, 168)  
}
```

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, 35, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 35, 168) }
```

Border

The CSS property to change the border of an element to YUV 97.7030, 34.6564, 84.4525 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, 35, 168) }
```


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

```
.border{ border-color:rgb(194, 35, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 35, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 35, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 35, 168); box-shadow:4px 4px 4px 4px rgb(194, 35, 168) }
```

Background

The CSS property to change the background color of an element to YUV 97.7030, 34.6564, 84.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 35, 168) }
```

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

```
.background{ background-color: rgb(194, 35,  
168) }
```

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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