

Converting Colors

YUV(110.7030, 10.9924,
67.7895)

Have a look what the booklet for
YUV(110.7030, 10.9924, 67.7895)
contains.

YUV(110.7030, 10.9924, 67.7895)	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(110.7030, 10.9924,
67.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4385
RGB	188, 67, 133
RGB Percent	74%, 26%, 52%
CMY	0.2627, 0.7373, 0.4784
CMYK	0.00, 0.64, 0.29, 0.26
HSL	327°, 47%, 50%
HSV	327°, 64%, 74%
XYZ	26.9798, 16.3991, 23.9337
YIQ	110.7030, 50.9300, 46.1780

Conversions

Conversions Part 2

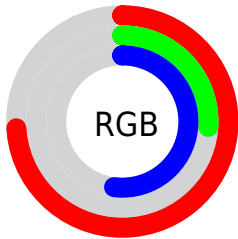
Format	Color
R_{YB}	188, 67, 133
Decimal	12338053
CIE _{Lab}	47.49, 54.92, -11.23
CIE _{LCh}	47, 56.058, 348.444
Yxy	16.3991, 0.4008, 0.2436
Android (android.graphics.Color)	4290528133 (0xFFBC4385)
YUV	110.7030, 10.9924, 67.7895
Hunter-Lab	40.4958, 48.0556, -6.6942

Details

The YUV color **110.7030, 10.9924, 67.7895** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.2970, -10.9924, -67.7895**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6710, 9.5292, 70.4485**, and **48.6310, 16.9439, 72.2376** is the 20% darker color. If you saturate the color by 10%, you get **98.5240, 12.5597, 78.4705**, and if you desaturate by 10%, it is **122.8820, 9.4252, 57.1085**.

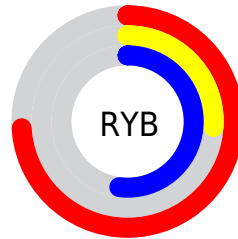
Distribution



Red (74%)

Green (26%)

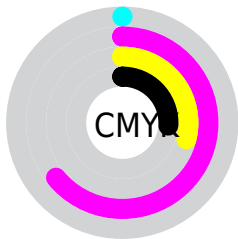
Blue (52%)



Red (74%)

Yellow (26%)

Blue (52%)

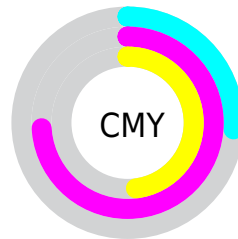


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (26%)



Cyan (26%)


Magenta (74%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.7030, 10.9924, 67.7895 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 110.7030, 10.9924, 67.7895 by changing the saturation by 10% instead.


 110.7030, 10.9924,
67.7895


 110.7030, 10.9924,
67.7895


255.0000, 0.0000,
0.0000


 81.5720, 13.0290,
67.9044


 166.6710, 9.5292,
70.4485


 48.6310, 16.9439,
72.2376


 188.6910, 12.4773,
58.1530

 37.6370, 11.0250,
57.3234


 208.3190, 16.6047,
40.9392

 27.1700, 5.8322,
42.8239

 226.2370, 14.1802,
25.2252

 17.1870, -0.0922,
29.6540

 243.8470, 5.4984,
9.7812

 0.8970, -0.4422,
1.8443

 0.0000, 0.0000,

0.0000

■ 110.7030, 10.9924,
67.7895

■ 110.7030, 10.9924,
67.7895

■ 98.5240, 12.5597,
78.4705

■ 122.8820, 9.4252,
57.1085

■ 86.4590, 14.5637,
89.0515

■ 134.9470, 7.4211,
46.5275

■ 74.8670, 15.8416,
99.2176

■ 146.5390, 6.1433,
36.3613

■ 67.9540, 17.2777,
105.2803

■ 158.6040, 4.1392,
25.7803

■ 170.7830, 2.5720,
15.0993

■ 182.8480, 0.5679,
4.5183

■ 195.0270, -0.9993,
-6.1627

■ 206.5050, -2.7140,
-16.2289

■ 218.6840, -4.2812,
-26.9099

Harmonies

Analogous

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



115.6950, 29.7304, 30.9625



110.7030, 10.9924, 67.7895



107.4490, -10.5744, 78.5362

Triad

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



110.7030, 10.9924, 67.7895



102.1450, -50.3575, 5.1348



98.3460, 41.7344, -86.2494

Complementary

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



110.7030, 10.9924, 67.7895



144.2970, -10.9924, -67.7895

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.



94.7320, 22.8101, -83.0800



110.7030, 10.9924, 67.7895



94.9060, -24.6037, -42.0136

Square

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



110.7030, 10.9924, 67.7895



105.8980, -52.2077, 38.6775



88.5590, 1.6964, -77.6662



95.5710, 53.9485, -83.8158

Rectangle

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



110.7030, 10.9924, 67.7895



108.0940, -25.6823, 70.9546



88.5590, 1.6964, -77.6662



97.4510, 35.7667, -85.4645

Sweetspot

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



110.7030, 10.9924, 67.7895



215.0170, 4.4286, 26.2951



96.9400, 44.8926, 21.1006



104.1960, 2.8614, 15.6141



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



110.7030, 10.9924, 67.7895



124.2530, 17.1303, 105.8951



103.8630, -15.2155, 73.7881



88.2610, 0.8573, 5.0331



57.0460, 14.2743, 88.5367



11.2070, 2.8559, 17.3585

Inverse Universe

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



110.7030, 10.9924, 67.7895



124.2530, 17.1303, 105.8951



151.1370, 15.2155, -73.7881



88.2610, 0.8573, 5.0331



57.0460, 14.2743, 88.5367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 110.7030, 10.9924, 67.7895 looks on a white background.

Color Contrast Check

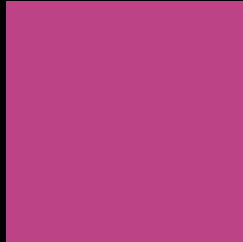
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.7030, 10.9924, 67.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

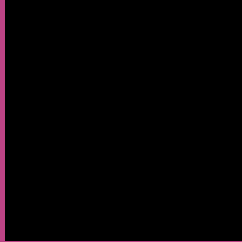
Any Text WCAG AA × Fail

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 110.7030, 10.9924, 67.7895 Background



This preview shows how black text looks on a background with the YUV color 110.7030, 10.9924, 67.7895.



This preview shows how white text looks on a background with the YUV color 110.7030, 10.9924,

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

110.7030, 10.9924, 67.7895

Protanopia

113.1440, 25.0720, -15.0353

Deuteranopia

114.3300, 6.2463, 3.2186



Tritanopia

110.9650, -13.2937, 64.0517

Trichromacy



Original Color

110.7030, 10.9924, 67.7895

Protanomaly

112.3650, 20.0331, 14.5889

Deuteranomaly

112.6410, 8.0650, 26.6248

Tritanomaly

110.9680, -4.4212, 64.9261

Monochromacy



Original Color

110.7030, 10.9924, 67.7895

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8920, 3.9972, 24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7030, 10.9924, 67.7895 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(188, 67, 133)` looks like.

```
.text, #text, p{  
  color:rgb(188, 67, 133)  
}
```

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(188, 67, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 67, 133) }
```

Border

The CSS property to change the border of an element to YUV 110.7030, 10.9924, 67.7895 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(188, 67, 133) }
```


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

```
.border{ border-color:rgb(188, 67, 133) }
```

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

Here you see how a box with a 4 pixel rgb(188, 67, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 67, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 67, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 67,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 110.7030, 10.9924, 67.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 67, 133) }
```

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

```
.background{ background-color: rgb(188, 67,  
133) }
```

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