

Converting Colors

YUV(112.5630, 26.8374,
72.2972)

Have a look what the booklet for
YUV(112.5630, 26.8374, 72.2972)
contains.

YUV(112.5630, 26.8374, 72.2972)	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(112.5630, 26.8374,
72.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	C33CA7
RGB	195, 60, 167
RGB Percent	76%, 24%, 65%
CMY	0.2353, 0.7647, 0.3451
CMYK	0.00, 0.69, 0.14, 0.24
HSL	312°, 53%, 50%
HSV	312°, 69%, 76%
XYZ	31.0966, 17.6238, 38.3220
YIQ	112.5630, 46.1130, 61.8970

Conversions

Conversions Part 2

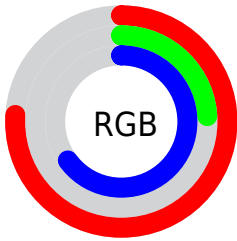
Format	Color
RYB	195, 60, 167
Decimal	12795047
CIELab	49.04, 64.20, -29.08
CIELCh	49, 70.478, 335.635
Yxy	17.6238, 0.3573, 0.2025
Android (android.graphics.Color)	4290985127 (0xFFC33CA7)
YUV	112.5630, 26.8374, 72.2972
Hunter-Lab	41.9808, 58.7547, -24.7361

Details

The YUV color **112.5630, 26.8374, 72.2972** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **142.4370, -26.8374, -72.2972**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8190, 25.2322, 73.8267**, and **54.3720, 29.8896, 73.3418** is the 20% darker color. If you saturate the color by 10%, you get **100.9540, 30.5887, 82.4783**, and if you desaturate by 10%, it is **124.7590, 22.7968, 61.6014**.

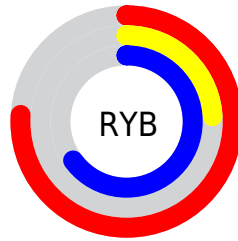
Distribution



Red (76%)

Green (24%)

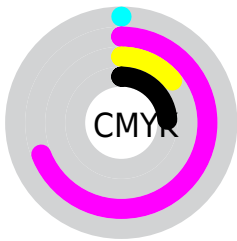
Blue (65%)



Red (76%)

Yellow (24%)

Blue (65%)

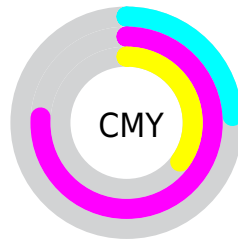


Cyan (0%)

Magenta (69%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.5630, 26.8374, 72.2972 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 112.5630, 26.8374, 72.2972 by changing the saturation by 10% instead.


 112.5630, 26.8374,
72.2972


 112.5630, 26.8374,
72.2972


255.0000, 0.0000,
0.0000


 79.6820, 29.7368,
75.7009


 170.8190, 25.2322,
73.8267


 54.3720, 29.8896,
73.3418


 190.5610, 29.7964,
56.5130

 43.1500, 23.0970,
58.6274


 208.0400, 23.1513,
41.1839

 32.0420, 16.7413,
43.8132

 225.0630, 14.7589,
26.2547

 22.3580, 10.6695,
31.2580

 242.0860, 6.3666,
11.3256

 9.8690, 5.4876,
13.2699

 0.0000, 0.0000,

0.0000

■ 112.5630, 26.8374,
72.2972

■ 112.5630, 26.8374,
72.2972

■ 100.9540, 30.5887,
82.4783

■ 124.7590, 22.7968,
61.6014

■ 88.7580, 34.6293,
93.1742

■ 136.3680, 19.0456,
51.4203

■ 77.1490, 38.3805,
103.3553

■ 148.5640, 15.0049,
40.7244

■ 75.9750, 38.9593,
104.3849

■ 160.1730, 11.2537,
30.5433

■ 172.3690, 7.2131,
19.8474

■ 183.9780, 3.4618,
9.6663

■ 196.1740, -0.5788,
-1.0296

■ 207.7830, -4.3300,
-11.2107

■ 219.9790, -8.3706,
-21.9066

Harmonies

Analogous

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



118.5470, 47.5513, 8.2903



112.5630, 26.8374, 72.2972



100.6860, 3.6058, 103.7614

Triad

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



112.5630, 26.8374, 72.2972



108.4350, -53.4585, 19.7895



104.4440, 39.7141, -91.5974

Complementary

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



112.5630, 26.8374, 72.2972



142.4370, -26.8374, -72.2972

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.



97.8320, 14.3798, -85.7987



112.5630, 26.8374, 72.2972



97.5170, -48.0759, -26.7634

Square

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



112.5630, 26.8374, 72.2972



108.6990, -53.5886, 61.6540



88.8890, -12.2703, -77.9557



105.5960, 59.3592, -92.6077

Rectangle

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



112.5630, 26.8374, 72.2972



103.2730, -16.8966, 99.7386



88.8890, -12.2703, -77.9557



102.3920, 31.8517, -89.7978

Sweetspot

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



112.5630, 26.8374, 72.2972



219.6350, 10.5329, 28.3841



83.4630, 54.9877, 3.1019



108.4180, 6.2029, 17.1734



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.



112.5630, 26.8374, 72.2972



124.4150, 41.7004, 111.8920



105.0390, -1.9912, 78.8958



90.9020, 2.0203, 5.3479



62.6170, 31.7408, 86.2819



12.8310, 6.4923, 17.6882

Inverse Universe

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



112.5630, 26.8374, 72.2972



124.4150, 41.7004, 111.8920



150.0750, 2.4280, -78.9958



90.9020, 2.0203, 5.3479



62.6170, 31.7408, 86.2819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 112.5630, 26.8374, 72.2972 looks on a white background.

Color Contrast Check

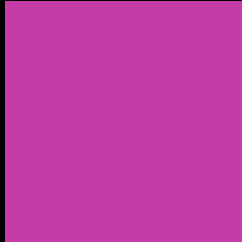
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.5630, 26.8374, 72.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

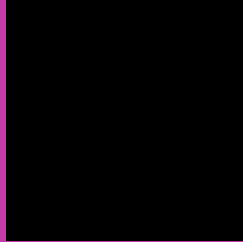
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.5630, 26.8374, 72.2972

Background



This preview shows how black text looks on a background with the YUV color 112.5630, 26.8374, 72.2972.



This preview shows how white text looks on a background with the YUV color 112.5630, 26.8374,

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

112.5630, 26.8374, 72.2972

Protanopia

111.7170, 49.4395, -37.4628

Deuteranopia

117.6130, 20.4038, -11.0616



Tritanopia

114.7800, -12.7095, 63.3369

Trichromacy



Original Color

112.5630, 26.8374, 72.2972



Protanomaly

111.9070, 41.4578, 2.7126



Deuteranomaly

116.0820, 22.6376, 19.2221



Tritanomaly

114.1730, 1.3937, 66.5003

Monochromacy



Original Color

112.5630, 26.8374, 72.2972



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.0970, 9.8122, 26.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5630, 26.8374, 72.2972 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(195, 60, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 167)  
}
```

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(195, 60, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 167) }
```

Border

The CSS property to change the border of an element to YUV 112.5630, 26.8374, 72.2972 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(195, 60, 167) }
```


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

```
.border{ border-color:rgb(195, 60, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 60, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 60, 167); box-shadow:4px 4px 4px 4px rgb(195, 60, 167) }
```

Background

The CSS property to change the background color of an element to YUV 112.5630, 26.8374, 72.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 167) }
```

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

```
.background{ background-color: rgb(195, 60,  
167) }
```

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