

Converting Colors

YUV(114.0300, 28.5792,
73.6417)

Have a look what the booklet for
YUV(114.0300, 28.5792, 73.6417)
contains.

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Color

**YUV(114.0300, 28.5792,
73.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	C63CAC
RGB	198, 60, 172
RGB Percent	78%, 24%, 67%
CMY	0.2235, 0.7647, 0.3255
CMYK	0.00, 0.70, 0.13, 0.22
HSL	311°, 55%, 51%
HSV	311°, 70%, 78%
XYZ	32.3510, 18.2160, 40.8407
YIQ	114.0300, 46.2960, 64.0880

Conversions

Conversions Part 2

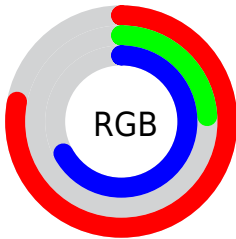
Format	Color
R_{YB}	198, 60, 172
Decimal	12991660
CIE _{Lab}	49.76, 65.67, -30.86
CIE _{LCh}	50, 72.557, 334.827
Yxy	18.2160, 0.3539, 0.1993
Android (android.graphics.Color)	4291181740 (0xFFC63CAC)
YUV	114.0300, 28.5792, 73.6417
Hunter-Lab	42.6803, 60.6097, -26.8584

Details

The YUV color **114.0300, 28.5792, 73.6417** 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 **143.9700, -28.5792, -73.6417**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5030, 27.8530, 73.2269**, and **55.4260, 31.3420, 74.1714** is the 20% darker color. If you saturate the color by 10%, you get **101.8340, 32.6198, 84.3376**, and if you desaturate by 10%, it is **126.2260, 24.5386, 62.9458**.

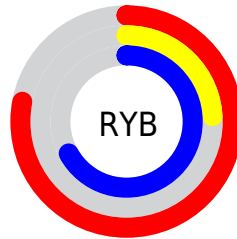
Distribution



Red (78%)

Green (24%)

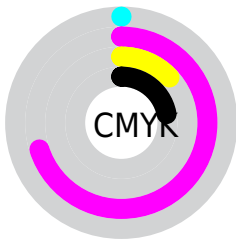
Blue (67%)



Red (78%)

Yellow (24%)

Blue (67%)

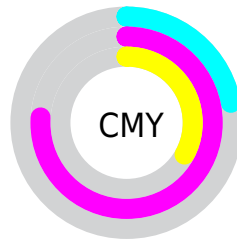


Cyan (0%)

Magenta (70%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (76%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.0300, 28.5792, 73.6417 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 114.0300, 28.5792, 73.6417 by changing the saturation by 10% instead.


 114.0300, 28.5792,
73.6417


 114.0300, 28.5792,
73.6417


255.0000, 0.0000,
0.0000


 80.5620, 31.7679,
77.5601


 171.5030, 27.8530,
73.2269


 55.4260, 31.3420,
74.1714


 191.6040, 31.2542,
55.5983

 44.2040, 24.5494,
59.4571


 208.0400, 23.1513,
41.1839

 33.3950, 18.0463,
45.2576

 225.0630, 14.7589,
26.2547

 23.4120, 12.1219,
32.0877

 242.6730, 6.0772,
10.8108

 11.6350, 7.0819,
15.2291

 0.0000, 0.0000,

0.0000

■ 114.0300, 28.5792,
73.6417

■ 114.0300, 28.5792,
73.6417

■ 101.8340, 32.6198,
84.3376

■ 126.2260, 24.5386,
62.9458

■ 89.7520, 37.0973,
94.9335

■ 138.3080, 20.0612,
52.3499

■ 78.1430, 40.8485,
105.1146

■ 149.9170, 16.3099,
42.1688

■ 77.5560, 41.1379,
105.6294

■ 162.1130, 12.2693,
31.4729

■ 174.3090, 8.2287,
20.7770

■ 186.3910, 3.7512,
10.1811

■ 198.5870, -0.2894,
-0.5148

■ 210.1960, -4.0406,
-10.6959

■ 222.3920, -8.0813,
-21.3918

Harmonies

Analogous

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



120.1060, 49.7407, 6.0460



114.0300, 28.5792, 73.6417



100.1750, 5.3367, 108.5945

Triad

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



114.0300, 28.5792, 73.6417



110.2180, -54.3375, 21.7338



105.9600, 40.4457, -92.9269

Complementary

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



114.0300, 28.5792, 73.6417



143.9700, -28.5792, -73.6417

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.



99.5930, 13.5117, -87.3431



114.0300, 28.5792, 73.6417



98.9900, -48.8021, -27.1782

Square

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



114.0300, 28.5792, 73.6417



110.7810, -54.6150, 64.2131



90.4220, -14.0120, -79.3001



107.3400, 60.9644, -94.1372

Rectangle

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



114.0300, 28.5792, 73.6417



103.2350, -15.8919, 104.1569



90.4220, -14.0120, -79.3001



104.3810, 31.8572, -91.5421

Sweetspot

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



114.0300, 28.5792, 73.6417



222.1620, 11.2591, 28.7989



83.2070, 56.5929, 1.5725



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.



114.0300, 28.5792, 73.6417



124.8220, 44.4578, 114.1661



106.2780, -1.1231, 80.4402



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Inverse Universe

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



114.0300, 28.5792, 73.6417



124.8220, 44.4578, 114.1661



151.7220, 1.1231, -80.4402



93.6030, 2.1677, 4.7332



63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 114.0300, 28.5792, 73.6417 looks on a white background.

Color Contrast Check

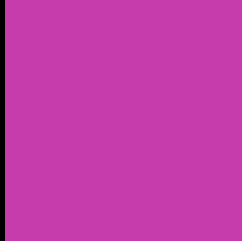
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0300, 28.5792, 73.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

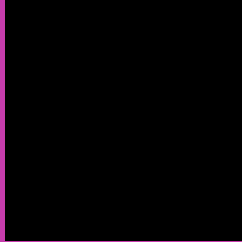
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.0300, 28.5792, 73.6417

Background



This preview shows how black text looks on a background with the YUV color 114.0300, 28.5792, 73.6417.



This preview shows how white text looks on a background with the YUV color 114.0300, 28.5792, 73.6417.

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

114.0300, 28.5792, 73.6417

Protanopia

112.7920, 52.3605, -41.0366

Deuteranopia

118.6560, 21.8616, -11.9763



Tritanopia

117.0790, -12.8569, 63.9517

Trichromacy



Original Color

114.0300, 28.5792, 73.6417



Protanomaly

113.4660, 43.6473, 0.4683



Deuteranomaly

116.8370, 24.2374, 19.4370



Tritanomaly

115.9990, 1.9725, 67.5299

Monochromacy



Original Color

114.0300, 28.5792, 73.6417



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9230, 10.3910, 27.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0300, 28.5792, 73.6417 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(198, 60, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 60, 172)  
}
```

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(198, 60, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 60, 172) }
```

Border

The CSS property to change the border of an element to YUV 114.0300, 28.5792, 73.6417 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(198, 60, 172) }
```


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

```
.border{ border-color:rgb(198, 60, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 60, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 60, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 60, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 60,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 114.0300, 28.5792, 73.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 60, 172) }
```

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

```
.background{ background-color: rgb(198, 60,  
172) }
```

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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