

Converting Colors

YUV(108.5960, 30.2722,
90.6853)

Have a look what the booklet for
YUV(108.5960, 30.2722, 90.6853)
contains.

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Color

**YUV(108.5960, 30.2722,
90.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	D42CAA
RGB	212, 44, 170
RGB Percent	83%, 17%, 67%
CMY	0.1686, 0.8275, 0.3333
CMYK	0.00, 0.79, 0.20, 0.17
HSL	315°, 66%, 50%
HSV	315°, 79%, 83%
XYZ	35.3078, 18.7007, 39.7789
YIQ	108.5960, 59.6820, 74.8020

Conversions

Conversions Part 2

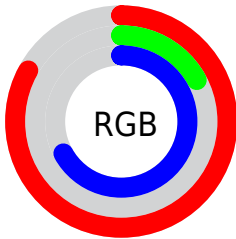
Format	Color
R _Y B	212, 44, 170
Decimal	13905066
CIE Lab	50.34, 73.50, -28.60
CIE LCh	50, 78.872, 338.736
Yxy	18.7007, 0.3765, 0.1994
Android (android.graphics.Color)	4292095146 (0xFFD42CAA)
YUV	108.5960, 30.2722, 90.6853
Hunter-Lab	43.2443, 70.0627, -24.2677

Details

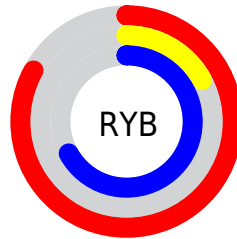
The YUV color **108.5960, 30.2722, 90.6853** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **147.4040, -30.2722, -90.6853**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9920, 29.5839, 78.0600**, and **59.0850, 28.5521, 82.3635** is the 20% darker color. If you saturate the color by 10%, you get **95.6990, 34.1654, 101.9960**, and if you desaturate by 10%, it is **121.4930, 26.3790, 79.3746**.

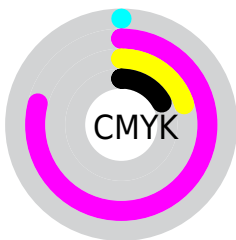
Distribution



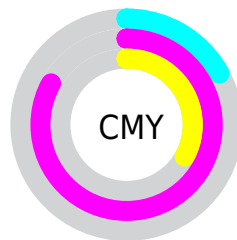
- Red (83%)
- Green (17%)
- Blue (67%)



- Red (83%)
- Yellow (17%)
- Blue (67%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (83%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.5960, 30.2722, 90.6853 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 108.5960, 30.2722, 90.6853 by changing the saturation by 10% instead.


 108.5960, 30.2722,
90.6853


 108.5960, 30.2722,
90.6853


255.0000, 0.0000,
0.0000


 70.7200, 35.6340,
97.5926


 165.9920, 29.5839,
78.0600


 59.0850, 28.5521,
82.3635

 186.2070, 33.4219,
60.3315

 47.5640, 21.9069,
67.0344


 203.9310, 25.1770,
44.7875

 36.2710, 16.1354,
51.5053

 220.9540, 16.7847,
29.8583

 26.1740, 9.7742,
38.4354

 238.5640, 8.1029,
14.4144

 14.6960, 4.5869,
22.1916

 0.0000, 0.0000,

0.0000

■ 108.5960, 30.2722,
90.6853

■ 108.5960, 30.2722,
90.6853

■ 95.6990, 34.1654,
101.9960

■ 121.4930, 26.3790,
79.3746

■ 82.6880, 37.6218,
113.4066

■ 134.5040, 22.9225,
67.9640

■ 81.5140, 38.2006,
114.4362

■ 147.9880, 18.7399,
56.1385

■ 160.8850, 14.8467,
44.8279

■ 173.8960, 11.3903,
33.4172

■ 186.7930, 7.4971,
22.1065

■ 199.6900, 3.6038,
10.7959

■ 213.1740, -0.5788,
-1.0296

■ 226.1850, -4.0352,
-12.4402

Harmonies

Analogous

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



121.6390, 51.4500, 17.8566



108.5960, 30.2722, 90.6853



85.5290, 8.6132, 131.0861

Triad

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



108.5960, 30.2722, 90.6853



110.4730, -54.4632, 15.3712



109.4310, 46.1295, -95.9710

Complementary

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



108.5960, 30.2722, 90.6853



147.4040, -30.2722, -90.6853

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.



102.6080, 17.4483, -89.9872



108.5960, 30.2722, 90.6853



95.0590, -46.8641, -42.1477

Square

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



108.5960, 30.2722, 90.6853



112.2430, -55.3358, 62.0539



92.7530, -12.6962, -81.3444



110.2240, 66.9376, -96.6664

Rectangle

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



108.5960, 30.2722, 90.6853



99.9650, -19.7027, 113.1637



92.7530, -12.6962, -81.3444



107.7380, 37.1042, -94.4862

Sweetspot

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



108.5960, 30.2722, 90.6853



217.4830, 11.1009, 32.9024



75.7100, 67.1910, 9.0243



105.1410, 6.3395, 20.0473



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.



108.5960, 30.2722, 90.6853



105.9920, 43.3879, 130.6800



99.0200, -6.4189, 99.0835



100.2010, 1.8729, 5.9627



65.7210, 30.7035, 92.3297



16.6190, 8.0758, 23.1361

Inverse Universe

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



108.5960, 30.2722, 90.6853



105.9920, 43.3879, 130.6800



156.9800, 6.4189, -99.0835



100.2010, 1.8729, 5.9627



65.7210, 30.7035, 92.3297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 108.5960, 30.2722, 90.6853 looks on a white background.

Color Contrast Check

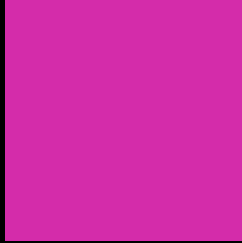
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.5960, 30.2722, 90.6853 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 108.5960, 30.2722, 90.6853

Background



This preview shows how black text looks on a background with the YUV color 108.5960, 30.2722, 90.6853.



This preview shows how white text looks on a background with the YUV color 108.5960, 30.2722, 90.6853.

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

108.5960, 30.2722, 90.6853

Protanopia

112.3120, 57.0342, -46.7546

Deuteranopia

120.9830, 19.2354, -9.6321



Tritanopia

114.8420, -16.6841, 78.1916

Trichromacy



Original Color

108.5960, 30.2722, 90.6853



Protanomaly

110.8130, 47.4202, 3.6720



Deuteranomaly

116.6530, 23.3421, 26.6143



Tritanomaly

112.3430, 0.3239, 83.0142

Monochromacy



Original Color

108.5960, 30.2722, 90.6853



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.4830, 11.1009, 32.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5960, 30.2722, 90.6853 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(212, 44, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 44, 170)  
}
```

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(212, 44, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 44, 170) }
```

Border

The CSS property to change the border of an element to YUV 108.5960, 30.2722, 90.6853 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(212, 44, 170) }
```


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

```
.border{ border-color:rgb(212, 44, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 44, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 44, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 44, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 44,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 108.5960, 30.2722, 90.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 44, 170) }
```

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

```
.background{ background-color: rgb(212, 44,  
170) }
```

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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