

Converting Colors

YUV(106.2990, 24.0096,
92.6998)

Have a look what the booklet for
YUV(106.2990, 24.0096, 92.6998)
contains.

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Color

**YUV(106.2990, 24.0096,
92.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B9B
RGB	212, 43, 155
RGB Percent	83%, 17%, 61%
CMY	0.1686, 0.8314, 0.3922
CMYK	0.00, 0.80, 0.27, 0.17
HSL	320°, 66%, 50%
HSV	320°, 80%, 83%
XYZ	33.9316, 18.0914, 32.7139
YIQ	106.2990, 64.7720, 70.6600

Conversions

Conversions Part 2

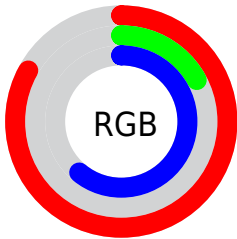
Format	Color
R_{YB}	212, 43, 155
Decimal	13904795
CIE _{Lab}	49.61, 71.91, -20.84
CIE _{LCh}	50, 74.869, 343.839
Yxy	18.0914, 0.4004, 0.2135
Android (android.graphics.Color)	4292094875 (0xFFD42B9B)
YUV	106.2990, 24.0096, 92.6998
Hunter-Lab	42.5339, 67.9648, -15.8277

Details

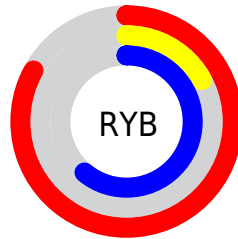
The YUV color **106.2990, 24.0096, 92.6998** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **148.7010, -24.0096, -92.6998**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5810, 22.8846, 80.1745**, and **57.6030, 22.8737, 83.6632** is the 20% darker color. If you saturate the color by 10%, you get **93.1740, 27.0292, 104.2104**, and if you desaturate by 10%, it is **119.4240, 20.9900, 81.1892**.

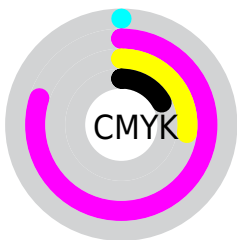
Distribution



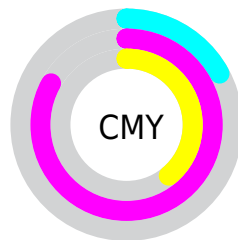
- Red (83%)
- Green (17%)
- Blue (61%)



- Red (83%)
- Yellow (17%)
- Blue (61%)



- Cyan (0%)
- Magenta (80%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.2990, 24.0096, 92.6998 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 106.2990, 24.0096, 92.6998 by changing the saturation by 10% instead.


 106.2990, 24.0096,
92.6998


 106.2990, 24.0096,
92.6998


255.0000, 0.0000,
0.0000


 69.1240, 29.5189,
98.9923


 163.5810, 22.8846,
80.1745


 57.6030, 22.8737,
83.6632


 183.7960, 26.7226,
62.4459

 46.0820, 16.2286,
68.3341


 202.7570, 25.7558,
45.8171

 34.7890, 10.4570,
52.8050

 220.3670, 17.0741,
30.3731

 24.6210, 5.1168,
38.9204

 237.9770, 8.3923,
14.9292

 12.5730, -2.2545,
23.1765

 0.0000, 0.0000,

0.0000

■ 106.2990, 24.0096,
92.6998

■ 106.2990, 24.0096,
92.6998

■ 93.1740, 27.0292,
104.2104

■ 119.4240, 20.9900,
81.1892

■ 80.0490, 30.0488,
115.7210

■ 132.5490, 17.9703,
69.6785

■ 79.3480, 29.9014,
116.3358

■ 146.2610, 14.6613,
57.6531

■ 159.5000, 12.0785,
46.0425

■ 172.6250, 9.0589,
34.5319

■ 185.7500, 6.0393,
23.0212

■ 198.8750, 3.0196,
11.5106

■ 212.5870, -0.2894,
-0.5148

■ 225.7120, -3.3090,
-12.0254

Harmonies

Analogous

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



119.7070, 45.0074, 30.9520



106.2990, 24.0096, 92.6998



95.9710, -1.9577, 114.9124

Triad

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



106.2990, 24.0096, 92.6998



107.4720, -52.9837, 7.4791



107.4250, 48.5975, -94.2117

Complementary

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



106.2990, 24.0096, 92.6998



148.7010, -24.0096, -92.6998

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.



101.8730, 22.2476, -89.3426



106.2990, 24.0096, 92.6998



88.7910, -43.7740, -53.3137

Square

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



106.2990, 24.0096, 92.6998



111.0030, -54.7245, 52.6174



93.0610, -6.4391, -81.6145



106.7190, 66.2005, -93.5926

Rectangle

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



106.2990, 24.0096, 92.6998



104.1670, -26.2113, 100.7085



93.0610, -6.4391, -81.6145



106.5470, 40.1563, -93.4417

Sweetspot

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



106.2990, 24.0096, 92.6998



216.7990, 8.4801, 33.5023



79.0100, 65.5641, 17.5312



104.7990, 5.0291, 20.3473



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.



106.2990, 24.0096, 92.6998



101.7230, 34.6466, 134.4239



96.7230, -12.6814, 101.0979



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Inverse Universe

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



106.2990, 24.0096, 92.6998



101.7230, 34.6466, 134.4239



158.2770, 12.6814, -101.0979



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 106.2990, 24.0096, 92.6998 looks on a white background.

Color Contrast Check

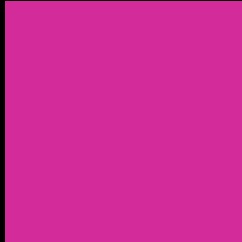
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.2990, 24.0096, 92.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

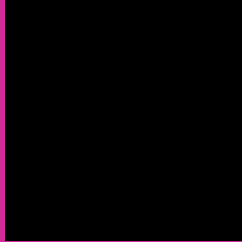
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.2990, 24.0096, 92.6998

Background



This preview shows how black text looks on a background with the YUV color 106.2990, 24.0096, 92.6998.



This preview shows how white text looks on a background with the YUV color 106.2990, 24.0096, 92.6998.

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

106.2990, 24.0096, 92.6998

Protanopia

114.6420, 46.5185, -33.8890

Deuteranopia

119.4200, 13.1039, -2.9993



Tritanopia

111.8210, -18.1528, 82.5950

Trichromacy



Original Color

106.2990, 24.0096, 92.6998



Protanomaly

111.1640, 38.3731, 12.1342



Deuteranomaly

114.3780, 17.0686, 32.1175



Tritanomaly

109.8550, -2.8865, 86.0732

Monochromacy



Original Color

106.2990, 24.0096, 92.6998



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.2120, 8.7695, 34.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2990, 24.0096, 92.6998 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, 43, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 155)  
}
```

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, 43, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 155) }
```

Border

The CSS property to change the border of an element to YUV 106.2990, 24.0096, 92.6998 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, 43, 155) }
```


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

```
.border{ border-color:rgb(212, 43, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 106.2990, 24.0096, 92.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 155) }
```

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

```
.background{ background-color: rgb(212, 43,  
155) }
```

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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