

Converting Colors

YUV(107.8780, 32.5981,
91.3150)

Have a look what the booklet for
YUV(107.8780, 32.5981, 91.3150)
contains.

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Color

**YUV(107.8780, 32.5981,
91.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	D42AAE
RGB	212, 42, 174
RGB Percent	83%, 16%, 68%
CMY	0.1686, 0.8353, 0.3176
CMYK	0.00, 0.80, 0.18, 0.17
HSL	313°, 67%, 50%
HSV	313°, 80%, 83%
XYZ	35.6193, 18.7090, 41.7782
YIQ	107.8780, 58.9480, 77.0920

Conversions

Conversions Part 2

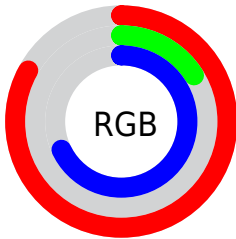
Format	Color
R _Y B	212, 42, 174
Decimal	13904558
CIE Lab	50.34, 74.51, -30.94
CIE LCh	50, 80.684, 337.448
Yxy	18.7090, 0.3706, 0.1947
Android (android.graphics.Color)	4292094638 (0xFFD42AAE)
YUV	107.8780, 32.5981, 91.3150
Hunter-Lab	43.2539, 71.2995, -26.9896

Details

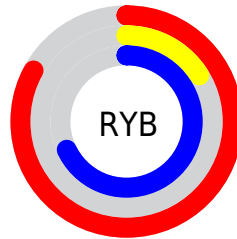
The YUV color **107.8780, 32.5981, 91.3150** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **146.1220, -32.5981, -91.3150**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8610, 31.6205, 78.1749**, and **59.5410, 30.2993, 81.9635** is the 20% darker color. If you saturate the color by 10%, you get **94.9810, 36.4914, 102.6257**, and if you desaturate by 10%, it is **120.7750, 28.7049, 80.0043**.

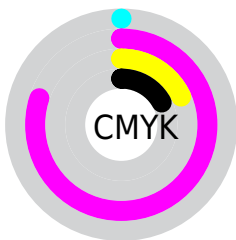
Distribution



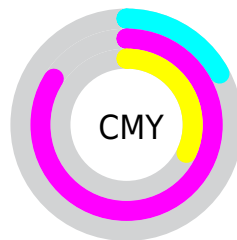
- Red (83%)
- Green (16%)
- Blue (68%)



- Red (83%)
- Yellow (16%)
- Blue (68%)



- Cyan (0%)
- Magenta (80%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.8780, 32.5981, 91.3150 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 107.8780, 32.5981, 91.3150 by changing the saturation by 10% instead.


 107.8780, 32.5981,
91.3150


 107.8780, 32.5981,
91.3150


255.0000, 0.0000,
0.0000

 71.1760, 37.3812,
97.1926


 165.8610, 31.6205,
78.1749


 59.5410, 30.2993,
81.9635


 186.3210, 33.8587,
60.2315

 48.0200, 23.6541,
66.6345

 203.3440, 25.4664,
45.3023

 36.6130, 17.4458,
51.2054

 220.3670, 17.0741,
30.3731

 26.5160, 11.0846,
38.1355

 237.9770, 8.3923,
14.9292

 15.0380, 5.8973,
21.8917

 0.0000, 0.0000,

0.0000

■ 107.8780, 32.5981,
91.3150

■ 107.8780, 32.5981,
91.3150

■ 94.9810, 36.4914,
102.6257

■ 120.7750, 28.7049,
80.0043

■ 82.1980, 40.8214,
113.8364

■ 133.5580, 24.3749,
68.7936

■ 147.0420, 20.1923,
56.9682

■ 159.9390, 16.2991,
45.6575

■ 172.8360, 12.4059,
34.3468

■ 185.6190, 8.0758,
23.1361

■ 198.5160, 4.1826,
11.8255

■ 212.0000, 0.0000,
0.0000

■ 224.8970, -3.8932,
-11.3107

Harmonies

Analogous

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



121.4860, 53.4974, 14.4828



107.8780, 32.5981, 91.3150



82.9470, 11.3651, 135.1045

Triad

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



107.8780, 32.5981, 91.3150



111.3700, -54.9054, 17.2155



110.0180, 45.8401, -96.4858

Complementary

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



107.8780, 32.5981, 91.3150



146.1220, -32.5981, -91.3150

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.



102.3800, 16.5747, -89.7873



107.8780, 32.5981, 91.3150



95.9560, -47.3063, -40.3034

Square

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



107.8780, 32.5981, 91.3150



111.9660, -55.1992, 64.9278



92.2970, -14.4434, -80.9445



111.0390, 67.5218, -97.3812

Rectangle

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



107.8780, 32.5981, 91.3150



96.8670, -17.6824, 118.5116



92.2970, -14.4434, -80.9445



107.6240, 36.6674, -94.3862

Sweetspot

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



107.8780, 32.5981, 91.3150



217.5970, 11.5377, 32.8024



72.4430, 68.8016, 5.7505



105.2550, 6.7763, 19.9474



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.



107.8780, 32.5981, 91.3150



104.9150, 46.8769, 131.6245



98.3020, -4.0929, 99.7131



100.3150, 2.3097, 5.8627



66.2910, 32.8875, 91.8298



16.7330, 8.5126, 23.0362

Inverse Universe

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



107.8780, 32.5981, 91.3150



104.9150, 46.8769, 131.6245



155.6980, 4.0929, -99.7131



100.3150, 2.3097, 5.8627



66.2910, 32.8875, 91.8298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 107.8780, 32.5981, 91.3150 looks on a white background.

Color Contrast Check

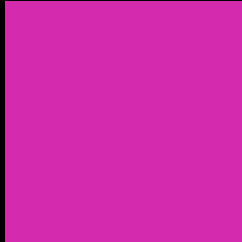
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.8780, 32.5981, 91.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

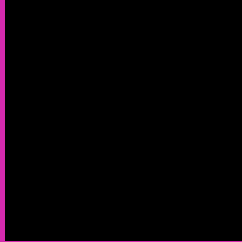
Any Text WCAG AA ✓ Pass

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 107.8780, 32.5981, 91.3150 Background



This preview shows how black text looks on a background with the YUV color 107.8780, 32.5981, 91.3150.



This preview shows how white text looks on a background with the YUV color 107.8780, 32.5981, 91.3150.

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

107.8780, 32.5981, 91.3150

Protanopia

110.4190, 61.4184, -52.9875

Deuteranopia

120.5420, 21.4248, -11.8763



Tritanopia

115.5430, -16.5367, 77.5768

Trichromacy



Original Color

107.8780, 32.5981, 91.3150



Protanomaly

109.7030, 50.9254, -0.6165



Deuteranomaly

115.9240, 25.6735, 25.4997



Tritanomaly

112.5710, 1.1975, 82.8142

Monochromacy



Original Color

107.8780, 32.5981, 91.3150



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.0100, 11.8271, 33.3172

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8780, 32.5981, 91.3150 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, 42, 174)` looks like.

```
.text, #text, p{  
    color:rgb(212, 42, 174)  
}
```

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, 42, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 42, 174) }
```

Border

The CSS property to change the border of an element to YUV 107.8780, 32.5981, 91.3150 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, 42, 174) }
```


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

```
.border{ border-color:rgb(212, 42, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 42, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 42, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 42, 174);  
box-shadow:4px 4px 4px 4px rgb(212, 42,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 107.8780, 32.5981, 91.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 42, 174) }
```

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

```
.background{ background-color: rgb(212, 42,  
174) }
```

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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