

Converting Colors

YUV(90.2290, 6.7891, 109.4242)

Have a look what the booklet for
YUV(90.2290, 6.7891, 109.4242)
contains.

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Color

**YUV(90.2290, 6.7891,
109.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	D71868
RGB	215, 24, 104
RGB Percent	84%, 9%, 41%
CMY	0.1569, 0.9059, 0.5922
CMYK	0.00, 0.89, 0.52, 0.16
HSL	335°, 80%, 47%
HSV	335°, 89%, 84%
XYZ	30.8497, 16.0998, 14.5783
YIQ	90.2290, 88.1560, 65.3720

Conversions

Conversions Part 2

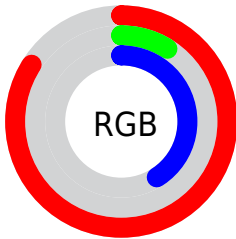
Format	Color
R_{YB}	215, 24, 104
Decimal	14096488
CIE _{Lab}	47.11, 71.61, 6.49
CIE _{LCh}	47, 71.904, 5.175
Yxy	16.0998, 0.5014, 0.2617
Android (android.graphics.Color)	4292286568 (0xFFD71868)
YUV	90.2290, 6.7891, 109.4242
Hunter-Lab	40.1246, 67.0212, 6.5456

Details

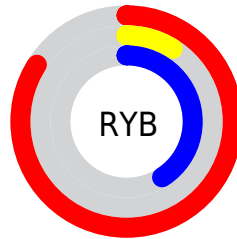
The YUV color **90.2290, 6.7891, 109.4242** is a dark color, and the websafe version is hex **CC0066**, and the color name is **dogwood rose**. The color can be described as dark washed rose. A complement of this color would be **148.7710, -6.7891, -109.4242**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8540, 2.0440, 91.3360**, and **52.3590, 2.7810, 88.2622** is the 20% darker color. If you saturate the color by 10%, you get **76.5340, 7.6247, 121.4347**, and if you desaturate by 10%, it is **104.5110, 5.6641, 96.8989**.

Distribution



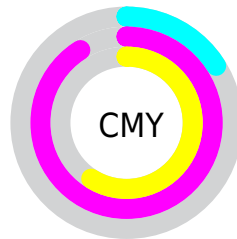
- Red (84%)
- Green (9%)
- Blue (41%)



- Red (84%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (89%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2290, 6.7891, 109.4242 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 90.2290, 6.7891, 109.4242 by changing the saturation by 10% instead.


 90.2290, 6.7891,
109.4242

 90.2290, 6.7891,
109.4242


255.0000, 0.0000,
0.0000

 64.1360, 7.8210,
105.1207


 150.8540, 2.0440,
91.3360


 52.3590, 2.7810,
88.2622


 171.5420, 5.1558,
73.1927


 40.8810, -2.4063,
72.0184


 191.6430, 8.5570,
55.5641

 29.5170, -7.1569,
55.6746

 212.4450, 12.1056,
37.3207

 19.4780, -8.1237,
39.0458

 231.5200, 11.5756,
20.5920

 9.0840, -3.9854,
18.3433

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 90.2290, 6.7891,
109.4242

■ 90.2290, 6.7891,
109.4242

■ 76.5340, 7.6247,
121.4347

■ 104.5110, 5.6641,
96.8989

■ 74.5450, 7.6193,
123.1790

■ 118.3200, 5.2652,
84.7884

■ 132.6020, 4.1402,
72.2630

■ 146.4110, 3.7414,
60.1526

■ 160.6930, 2.6164,
47.6272

■ 174.5020, 2.2175,
35.5167

■ 188.7840, 1.0925,
22.9914

■ 202.5930, 0.6937,
10.8809

■ 216.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



106.0300, 28.5792, 73.6417



90.2290, 6.7891, 109.4242



98.7210, -26.4845, 94.9607

Triad

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



90.2290, 6.7891, 109.4242



92.7880, -45.7445, -27.8781



102.2050, 59.0589, -89.6338

Complementary

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



90.2290, 6.7891, 109.4242



148.7710, -6.7891, -109.4242

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.



100.9390, 38.9771, -88.5235



90.2290, 6.7891, 109.4242



85.1560, -13.8809, -74.6818

Square

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



90.2290, 6.7891, 109.4242



104.0050, -51.2745, 19.2896



94.2130, 13.2060, -82.6248



94.7680, 68.6414, -83.1115

Rectangle

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



90.2290, 6.7891, 109.4242



101.9980, -50.2850, 75.4238



94.2130, 13.2060, -82.6248



102.7120, 53.3860, -90.0784

Sweetspot

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



90.2290, 6.7891, 109.4242



209.9370, 2.4961, 39.5203



78.0660, 67.5085, 47.3001



101.1970, 1.3819, 23.5062



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.



90.2290, 6.7891, 109.4242



88.4430, 9.1486, 146.0705



88.7400, -31.9168, 110.7300



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Inverse Universe

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



90.2290, 6.7891, 109.4242



88.4430, 9.1486, 146.0705



150.2600, 31.9168, -110.7300



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 90.2290, 6.7891, 109.4242 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 90.2290, 6.7891, 109.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

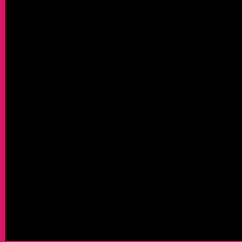
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2290, 6.7891, 109.4242

Background



This preview shows how black text looks on a background with the YUV color 90.2290, 6.7891, 109.4242.



This preview shows how white text looks on a background with the YUV color 90.2290, 6.7891, 109.4242.

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

90.2290, 6.7891, 109.4242

Protanopia

113.4130, 17.0514, -9.1322

Deuteranopia

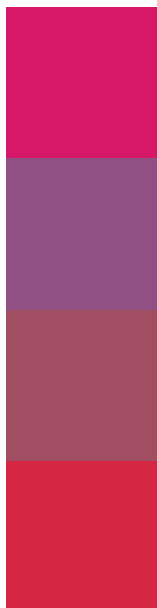
113.6830, -9.2107, 14.3100



Tritanopia

95.6340, -24.4696, 102.0530

Trichromacy



Original Color

90.2290, 6.7891, 109.4242

Protanomaly

105.0640, 13.2794, 34.1469

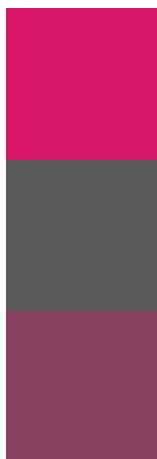
Deuteranomaly

105.0970, -3.4988, 49.0269

Tritanomaly

93.6310, -13.1291, 104.6866

Monochromacy



Original Color

90.2290, 6.7891, 109.4242

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9370, 2.4961, 39.5203

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2290, 6.7891, 109.4242 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(215, 24, 104)` looks like.

```
.text, #text, p{  
    color:rgb(215, 24, 104)  
}
```

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(215, 24, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 24, 104) }
```

Border

The CSS property to change the border of an element to YUV 90.2290, 6.7891, 109.4242 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(215, 24, 104) }
```


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

```
.border{ border-color:rgb(215, 24, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 24, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 24, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 24, 104);  
box-shadow:4px 4px 4px 4px rgb(215, 24,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 90.2290, 6.7891, 109.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 24, 104) }
```

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

```
.background{ background-color: rgb(215, 24,  
104) }
```

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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