

Converting Colors

YUV(109.9220, 12.3635,
94.7844)

Have a look what the booklet for
YUV(109.9220, 12.3635, 94.7844)
contains.

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Color

**YUV(109.9220, 12.3635,
94.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	DA3287
RGB	218, 50, 135
RGB Percent	85%, 20%, 53%
CMY	0.1451, 0.8039, 0.4706
CMYK	0.00, 0.77, 0.38, 0.15
HSL	330°, 69%, 53%
HSV	330°, 77%, 85%
XYZ	34.4272, 18.9359, 24.7621
YIQ	109.9220, 72.8430, 62.0510

Conversions

Conversions Part 2

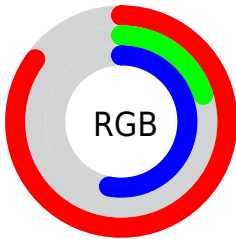
Format	Color
RYB	218, 50, 135
Decimal	14299783
CIELab	50.61, 69.30, -7.23
CIELCh	51, 69.671, 354.043
Yxy	18.9359, 0.4407, 0.2424
Android (android.graphics.Color)	4292489863 (0xFFDA3287)
YUV	109.9220, 12.3635, 94.7844
Hunter-Lab	43.5154, 65.0684, -3.2778

Details

The YUV color **109.9220, 12.3635, 94.7844** is a dark color, and the websafe version is hex **CC0066**, and the color name is **deep cerise**. The color can be described as middle muted rose. A complement of this color would be **158.0780, -12.3635, -94.7844**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0080, 11.8281, 79.8000**, and **56.9320, 13.8375, 88.6366** is the 20% darker color. If you saturate the color by 10%, you get **95.7540, 13.9253, 107.2097**, and if you desaturate by 10%, it is **124.0900, 10.8016, 82.3591**.

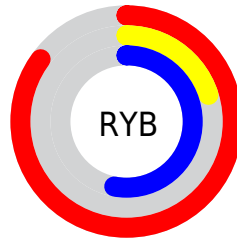
Distribution



Red (85%)

Green (20%)

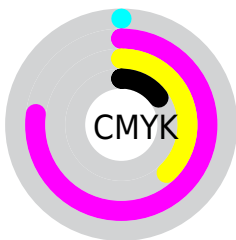
Blue (53%)



Red (85%)

Yellow (20%)

Blue (53%)

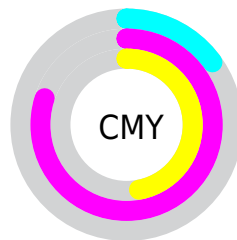


Cyan (0%)

Magenta (77%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (80%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.9220, 12.3635, 94.7844 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 109.9220, 12.3635, 94.7844 by changing the saturation by 10% instead.


 109.9220, 12.3635,
94.7844


 109.9220, 12.3635,
94.7844

255.0000, 0.0000,
0.0000


 68.7520, 20.3353,
104.5805

 164.0080, 11.8281,
79.8000


 56.9320, 13.8375,
88.6366


 184.2230, 15.6661,
62.0714

 45.3400, 8.2134,
72.4928


 204.4380, 19.5041,
44.3429

 34.2750, 3.3154,
56.7638

 222.7150, 15.9165,
28.3139

 23.8080, -1.8773,
42.2644

 240.3250, 7.2348,
12.8700

 12.6720, -5.7543,
25.7207

 0.0000, 0.0000,

0.0000

■ 109.9220, 12.3635,
94.7844

■ 109.9220, 12.3635,
94.7844

■ 95.7540, 13.9253,
107.2097

■ 124.0900, 10.8016,
82.3591

■ 81.5860, 15.4871,
119.6351

■ 138.2580, 9.2398,
69.9337

■ 77.7220, 15.9131,
123.0238

■ 151.7250, 7.5306,
58.1232

■ 165.8930, 5.9688,
45.6978

■ 180.0610, 4.4069,
33.2725

■ 194.2290, 2.8451,
20.8472

■ 208.2830, 0.8465,
8.5218

■ 221.8640, -0.4260,
-3.3887

■ 236.0320, -1.9878,
-15.8141

Harmonies

Analogous

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



121.6680, 34.1807, 50.2802



109.9220, 12.3635, 94.7844



108.5010, -16.0230, 99.5386

Triad

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



109.9220, 12.3635, 94.7844



106.7970, -52.6509, -5.9610



108.5650, 52.9655, -95.2115

Complementary

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



109.9220, 12.3635, 94.7844



158.0780, -12.3635, -94.7844

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.



104.7400, 30.6942, -91.8570



109.9220, 12.3635, 94.7844



87.7830, -21.5850, -76.9857

Square

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



109.9220, 12.3635, 94.7844



113.5620, -55.9861, 37.2181



97.7860, 4.0495, -85.7583



104.8440, 66.6319, -91.9482

Rectangle

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



109.9220, 12.3635, 94.7844



111.7230, -36.3454, 84.4349



97.7860, 4.0495, -85.7583



108.1430, 46.2715, -94.8414

Sweetspot

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



109.9220, 12.3635, 94.7844



217.0610, 4.4069, 33.2725



93.3710, 61.4421, 33.0006



104.8160, 2.5557, 20.3324



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.



109.9220, 12.3635, 94.7844



103.8310, 17.3383, 132.5752



100.5740, -23.4540, 102.9826



102.8590, 0.5625, 6.2627



61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Inverse Universe

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



109.9220, 12.3635, 94.7844



103.8310, 17.3383, 132.5752



167.4260, 23.4540, -102.9826



102.8590, 0.5625, 6.2627



61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 109.9220, 12.3635, 94.7844 looks on a white background.

Color Contrast Check

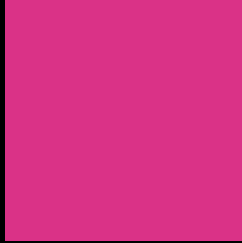
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.9220, 12.3635, 94.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

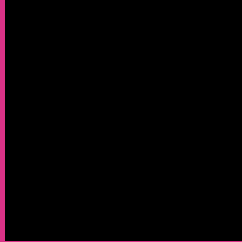
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.9220, 12.3635, 94.7844

Background



This preview shows how black text looks on a background with the YUV color 109.9220, 12.3635, 94.7844.



This preview shows how white text looks on a background with the YUV color 109.9220, 12.3635, 94.7844.

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

109.9220, 12.3635, 94.7844

Protanopia

120.2730, 29.4454, -17.7794

Deuteranopia

122.0270, 2.4517, 6.9923



Tritanopia

112.6970, -20.0636, 88.8427

Trichromacy



Original Color

109.9220, 12.3635, 94.7844

Protanomaly

116.6310, 23.3529, 23.1256

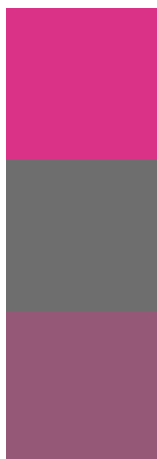
Deuteranomaly

117.8490, 5.9904, 38.7204

Tritanomaly

111.5090, -8.1389, 90.7616

Monochromacy



Original Color

109.9220, 12.3635, 94.7844

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7730, 4.5489, 34.4021

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9220, 12.3635, 94.7844 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(218, 50, 135)` looks like.

```
.text, #text, p{  
    color:rgb(218, 50, 135)  
}
```

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(218, 50, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 50, 135) }
```

Border

The CSS property to change the border of an element to YUV 109.9220, 12.3635, 94.7844 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(218, 50, 135) }
```


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

```
.border{ border-color:rgb(218, 50, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 50, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 50, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 50, 135);  
box-shadow:4px 4px 4px 4px rgb(218, 50,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 109.9220, 12.3635, 94.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 50, 135) }
```

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

```
.background{ background-color: rgb(218, 50,  
135) }
```

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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