

Converting Colors

YUV(107.9010, -9.3182,
95.6798)

Have a look what the booklet for
YUV(107.9010, -9.3182, 95.6798)
contains.

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Color

**YUV(107.9010, -9.3182,
95.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	D93859
RGB	217, 56, 89
RGB Percent	85%, 22%, 35%
CMY	0.1490, 0.7804, 0.6510
CMYK	0.00, 0.74, 0.59, 0.15
HSL	348°, 68%, 54%
HSV	348°, 74%, 85%
XYZ	31.8326, 18.3013, 11.3059
YIQ	107.9010, 85.3630, 44.3950

Conversions

Conversions Part 2

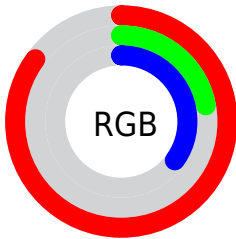
Format	Color
RYB	217, 56, 89
Decimal	14235737
CIELab	49.86, 63.35, 19.55
CIELCh	50, 66.298, 17.148
Yxy	18.3013, 0.5181, 0.2979
Android (android.graphics.Color)	4292425817 (0xFFD93859)
YUV	107.9010, -9.3182, 95.6798
Hunter-Lab	42.7801, 57.9567, 14.2768

Details

The YUV color **107.9010, -9.3182, 95.6798** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **165.0990, 9.3182, -95.6798**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5960, -10.1538, 83.6693**, and **51.3610, -3.6290, 90.8914** is the 20% darker color. If you saturate the color by 10%, you get **93.0490, -10.3772, 108.7050**, and if you desaturate by 10%, it is **122.7530, -8.2592, 82.6546**.

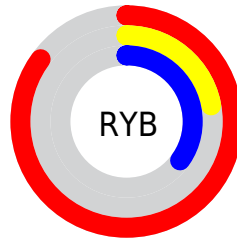
Distribution



Red (85%)

Green (22%)

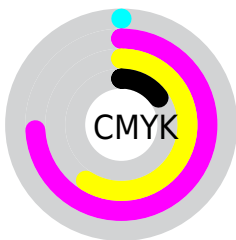
Blue (35%)



Red (85%)

Yellow (22%)

Blue (35%)

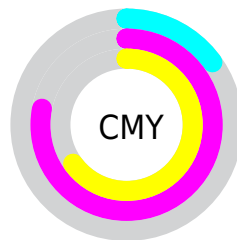


Cyan (0%)

Magenta (74%)

Yellow (59%)

Black (15%)



Cyan (15%)


Magenta (78%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.9010, -9.3182, 95.6798 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 107.9010, -9.3182, 95.6798 by changing the saturation by 10% instead.


 107.9010, -9.3182,
95.6798


 107.9010, -9.3182,
95.6798


255.0000, 0.0000,
0.0000


 71.9430, -2.9299,
100.0280


 159.5960,
-10.1538, 83.6693


 51.3610, -3.6290,
90.8914

 179.5830, -7.1894,
66.1407


 40.1110, -7.9427,
74.4477


 199.6840, -3.7882,
48.5121

 28.4050, -14.0037,
58.4038

 219.8990, 0.0498,
30.7836

 20.3750, -8.5659,
40.8901

 240.1140, 3.8878,
13.0550

 9.9810, -4.4276,
20.1877

 0.0000, 0.0000,

0.0000

■ 107.9010, -9.3182,
95.6798

■ 107.9010, -9.3182,
95.6798

■ 93.0490, -10.3772,
108.7050

■ 122.7530, -8.2592,
82.6546

■ 78.6700, -12.1623,
121.3154

■ 137.1320, -6.4741,
70.0442

■ 69.8990, -12.7682,
129.0076

■ 151.9840, -5.4151,
57.0190

■ 166.8360, -4.3561,
43.9938

■ 181.1010, -3.0078,
31.4834

■ 196.0670, -1.5120,
18.3582

■ 210.9190, -0.4531,
5.3330

■ 225.7710, 0.6059,
-7.6922

■ 240.0360, 1.9543,
-20.2026

Harmonies

Analogous

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



112.7570, 15.8958, 81.7741



107.9010, -9.3182, 95.6798



111.3370, -37.6341, 77.7575

Triad

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



107.9010, -9.3182, 95.6798



94.8310, -30.9757, -51.5948



103.5900, 61.8271, -90.8484

Complementary

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



107.9010, -9.3182, 95.6798



165.0990, 9.3182, -95.6798

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.



105.6810, 46.9923, -92.6822



107.9010, -9.3182, 95.6798



93.8420, -0.9081, -82.2994

Square

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



107.9010, -9.3182, 95.6798



107.7490, -53.1203, 4.6051



101.6280, 23.8474, -89.1278



107.7460, 58.7922, -50.6432

Rectangle

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



107.9010, -9.3182, 95.6798



111.0360, -54.7407, 57.8504



101.6280, 23.8474, -89.1278



105.2540, 58.0488, -92.3078

Sweetspot

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



107.9010, -9.3182, 95.6798



216.9980, -3.4500, 33.3278



112.0280, 51.7512, 61.3654



104.9640, -1.9543, 20.2026



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.



107.9010, -9.3182, 95.6798



101.2310, -12.9319, 134.8554



131.1410, -37.0445, 75.2983



102.5170, -0.7479, 6.5626



55.8310, -9.7767, 102.7572



14.7800, -2.8495, 27.3799

Inverse Universe

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



107.9010, -9.3182, 95.6798



101.2310, -12.9319, 134.8554



141.8590, 37.0445, -75.2983



102.5170, -0.7479, 6.5626



55.8310, -9.7767, 102.7572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 107.9010, -9.3182, 95.6798 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 107.9010, -9.3182, 95.6798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

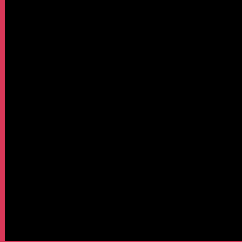
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.9010, -9.3182, 95.6798

Background



This preview shows how black text looks on a background with the YUV color 107.9010, -9.3182, 95.6798.



This preview shows how white text looks on a background with the YUV color 107.9010, -9.3182,

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

107.9010, -9.3182, 95.6798

Protanopia

119.7830, -0.8790, 1.9443

Deuteranopia

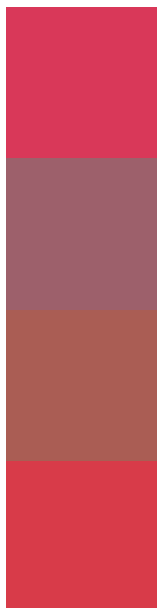
118.9090, -18.6891, 21.1278



Tritanopia

107.6870, -21.5377, 94.9905

Trichromacy



Original Color

107.9010, -9.3182, 95.6798

Protanomaly

115.4930, -4.1870, 36.4016

Deuteranomaly

114.9970, -15.2815, 48.2376

Tritanomaly

107.5390, -17.0277, 95.1203

Monochromacy



Original Color

107.9010, -9.3182, 95.6798

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0090, -3.4554, 35.0721

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9010, -9.3182, 95.6798 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(217, 56, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 56, 89)  
}
```

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(217, 56, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 56, 89) }
```

Border

The CSS property to change the border of an element to YUV 107.9010, -9.3182, 95.6798 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(217, 56, 89) }
```


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

```
.border{ border-color:rgb(217, 56, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 56, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 56, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 56, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 56,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 107.9010, -9.3182, 95.6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 56, 89) }
```

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

```
.background{ background-color: rgb(217, 56,  
89) }
```

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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