

Converting Colors

YUV(99.1270, 18.1784, 96.3586)

Have a look what the booklet for
YUV(99.1270, 18.1784, 96.3586)
contains.

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Color

**YUV(99.1270, 18.1784,
96.3586)**

Conversions

Conversions Part 1

Format	Color
Hex	D12488
RGB	209, 36, 136
RGB Percent	82%, 14%, 53%
CMY	0.1804, 0.8588, 0.4667
CMYK	0.00, 0.83, 0.35, 0.18
HSL	325°, 71%, 48%
HSV	325°, 83%, 82%
XYZ	31.3693, 16.5946, 24.8423
YIQ	99.1270, 71.0080, 67.7760

Conversions

Conversions Part 2

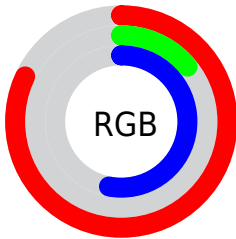
Format	Color
RYB	209, 36, 136
Decimal	13706376
CIELab	47.75, 70.77, -12.30
CIELCh	48, 71.833, 350.137
Yxy	16.5946, 0.4309, 0.2279
Android (android.graphics.Color)	4291896456 (0xFFD12488)
YUV	99.1270, 18.1784, 96.3586
Hunter-Lab	40.7365, 66.1657, -7.6412

Details

The YUV color **99.1270, 18.1784, 96.3586** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **145.8730, -18.1784, -96.3586**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2520, 15.1588, 84.8480**, and **54.3550, 15.6010, 83.0037** is the 20% darker color. If you saturate the color by 10%, you get **85.7740, 20.3244, 108.0692**, and if you desaturate by 10%, it is **112.4800, 16.0324, 84.6480**.

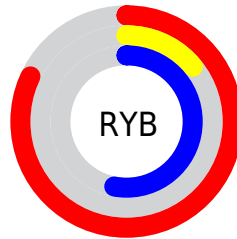
Distribution



Red (82%)

Green (14%)

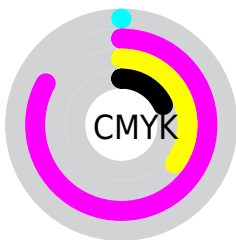
Blue (53%)



Red (82%)

Yellow (14%)

Blue (53%)

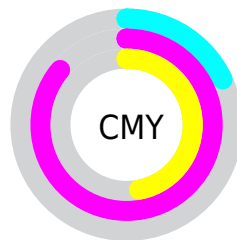


Cyan (0%)

Magenta (83%)

Yellow (35%)

Black (18%)



Cyan (18%)


Magenta (86%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.1270, 18.1784, 96.3586 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 99.1270, 18.1784, 96.3586 by changing the saturation by 10% instead.


 99.1270, 18.1784,
96.3586


 99.1270, 18.1784,
96.3586


255.0000, 0.0000,
0.0000


 66.1750, 22.0987,
98.9475

 158.2520, 15.1588,
84.8480


 54.3550, 15.6010,
83.0037


 178.4670, 18.9968,
67.1194


 43.0620, 9.8294,
67.4746


 198.7960, 23.2716,
49.2909

 31.8830, 4.4947,
51.8456

 217.4320, 18.5210,
32.9471

 21.4160, -0.6981,
37.3462

 234.4550, 10.1287,
18.0180

 9.6820, -4.2802,
19.5729

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 99.1270, 18.1784,
96.3586

■ 99.1270, 18.1784,
96.3586

■ 85.7740, 20.3244,
108.0692

■ 112.4800, 16.0324,
84.6480

■ 76.2850, 22.0445,
116.3911

■ 125.8330, 13.8863,
72.9375

■ 139.0720, 11.3035,
61.3269

■ 152.4250, 9.1575,
49.6163

■ 165.1910, 7.3008,
38.4205

■ 178.5440, 5.1548,
26.7099

■ 191.8970, 3.0088,
14.9993

■ 205.2500, 0.8628,
3.2887

■ 218.4890, -1.7201,
-8.3219

Harmonies

Analogous

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



114.3620, 38.2755, 43.5325



99.1270, 18.1784, 96.3586



95.8530, -9.7875, 106.2459

Triad

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



99.1270, 18.1784, 96.3586



101.8020, -50.1884, -2.4574



103.9030, 50.3338, -91.1229

Complementary

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



99.1270, 18.1784, 96.3586



145.8730, -18.1784, -96.3586

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.



99.1490, 27.0415, -86.9537



99.1270, 18.1784, 96.3586



80.5790, -28.8794, -70.6678

Square

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



99.1270, 18.1784, 96.3586



107.0940, -52.7973, 41.1366



91.3800, -0.1873, -80.1403



101.2250, 65.4581, -88.7743

Rectangle

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



99.1270, 18.1784, 96.3586



101.9070, -31.9992, 90.4126



91.3800, -0.1873, -80.1403



102.7800, 43.4925, -90.1381

Sweetspot

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



99.1270, 18.1784, 96.3586



214.3540, 6.7275, 35.6465



77.2500, 64.9527, 26.9677



103.1690, 3.8607, 21.7768



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.



99.1270, 18.1784, 96.3586



94.8780, 26.1891, 140.4270



89.3230, -19.3862, 104.9567



97.9730, 0.9993, 6.1627



61.2900, 17.6050, 93.5847



14.9950, 4.4395, 22.8064

Inverse Universe

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



99.1270, 18.1784, 96.3586



94.8780, 26.1891, 140.4270



155.6770, 19.3862, -104.9567



97.9730, 0.9993, 6.1627



61.2900, 17.6050, 93.5847



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 99.1270, 18.1784, 96.3586 looks on a white background.

Color Contrast Check

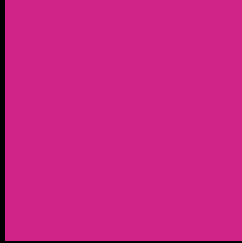
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.1270, 18.1784, 96.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

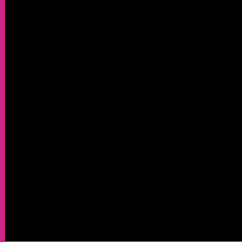
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1270, 18.1784, 96.3586

Background



This preview shows how black text looks on a background with the YUV color 99.1270, 18.1784, 96.3586.



This preview shows how white text looks on a background with the YUV color 99.1270, 18.1784,

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

99.1270, 18.1784, 96.3586

Protanopia

112.1780, 36.8872, -24.7121

Deuteranopia

115.2160, 5.8095, 3.3186



Tritanopia

104.8000, -19.6214, 86.9984

Trichromacy



Original Color

99.1270, 18.1784, 96.3586



Protanomaly

107.0310, 30.0577, 19.2668



Deuteranomaly

109.5760, 10.0690, 37.2058



Tritanomaly

103.0790, -5.9549, 90.2617

Monochromacy



Original Color

99.1270, 18.1784, 96.3586



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.9410, 6.4381, 35.1317

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1270, 18.1784, 96.3586 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(209, 36, 136)` looks like.

```
.text, #text, p{  
    color:rgb(209, 36, 136)  
}
```

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(209, 36, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 36, 136) }
```

Border

The CSS property to change the border of an element to YUV 99.1270, 18.1784, 96.3586 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(209, 36, 136) }
```


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

```
.border{ border-color:rgb(209, 36, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 36, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 36, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 36, 136); box-shadow:4px 4px 4px 4px rgb(209, 36, 136) }
```

Background

The CSS property to change the background color of an element to YUV 99.1270, 18.1784, 96.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 36, 136) }
```

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

```
.background{ background-color: rgb(209, 36,  
136) }
```

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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