

Converting Colors

YUV(110.5520, 33.7449,
96.8629)

Have a look what the booklet for
YUV(110.5520, 33.7449, 96.8629)
contains.

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Color

**YUV(110.5520, 33.7449,
96.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	DD29B3
RGB	221, 41, 179
RGB Percent	87%, 16%, 70%
CMY	0.1333, 0.8392, 0.2980
CMYK	0.00, 0.81, 0.19, 0.13
HSL	314°, 73%, 51%
HSV	314°, 81%, 87%
XYZ	38.7484, 20.2127, 44.5070
YIQ	110.5520, 62.9820, 81.0780

Conversions

Conversions Part 2

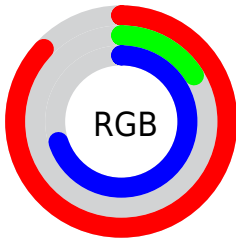
Format	Color
R_{YB}	221, 41, 179
Decimal	14494131
CIE _{Lab}	52.08, 77.31, -31.06
CIE _{LCh}	52, 83.314, 338.115
Yxy	20.2127, 0.3745, 0.1954
Android (android.graphics.Color)	4292684211 (0xFFDD29B3)
YUV	110.5520, 33.7449, 96.8629
Hunter-Lab	44.9585, 75.1664, -27.2235

Details

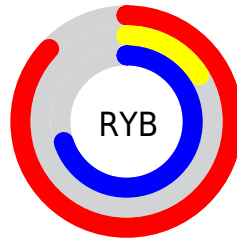
The YUV color **110.5520, 33.7449, 96.8629** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **151.4480, -33.7449, -96.8629**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0180, 33.5151, 77.1602**, and **62.5030, 31.3040, 86.3819** is the 20% darker color. If you saturate the color by 10%, you get **97.0680, 37.9275, 108.6884**, and if you desaturate by 10%, it is **124.0360, 29.5623, 85.0374**.

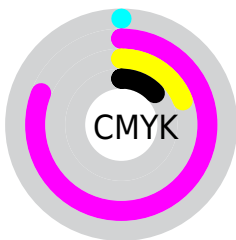
Distribution



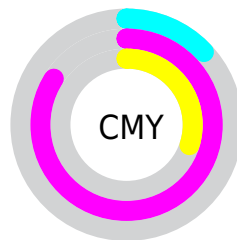
- Red (87%)
- Green (16%)
- Blue (70%)



- Red (87%)
- Yellow (16%)
- Blue (70%)



- Cyan (0%)
- Magenta (81%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (84%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.5520, 33.7449, 96.8629 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 110.5520, 33.7449, 96.8629 by changing the saturation by 10% instead.


 110.5520, 33.7449,
96.8629


 110.5520, 33.7449,
96.8629


255.0000, 0.0000,
0.0000


 74.4370, 38.2386,
102.2258


 167.0180, 33.5151,
77.1602


 62.5030, 31.3040,
86.3819


 186.9080, 33.5694,
59.7167


 50.9820, 24.6589,
71.0528

 204.5180, 24.8876,
44.2727

 39.4610, 18.0137,
55.7237

 221.5410, 16.4953,
29.3435

 28.7660, 11.9474,
41.4242

 239.1510, 7.8136,
13.8996

 17.5870, 6.6126,
25.7952

 0.0000, 0.0000,

0.0000

■ 110.5520, 33.7449,
96.8629

■ 110.5520, 33.7449,
96.8629

■ 97.0680, 37.9275,
108.6884

■ 124.0360, 29.5623,
85.0374

■ 85.3450, 41.2419,
118.9694

■ 137.5200, 25.3796,
73.2120

■ 151.0040, 21.1970,
61.3865

■ 164.6020, 17.4512,
49.4610

■ 178.6730, 12.9792,
37.1208

■ 192.1570, 8.7966,
25.2953

■ 205.6410, 4.6140,
13.4698

■ 219.1250, 0.4314,
1.6444

■ 232.6090, -3.7512,
-10.1811

Harmonies

Analogous

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



125.6650, 55.3812, 16.9568



110.5520, 33.7449, 96.8629



85.8660, 10.9121, 140.4375

Triad

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



110.5520, 33.7449, 96.8629



115.2020, -56.7946, 16.4858



113.9790, 48.3244, -99.9596

Complementary

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



110.5520, 33.7449, 96.8629



151.4480, -33.7449, -96.8629

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.



106.5860, 17.4591, -93.4759



110.5520, 33.7449, 96.8629



98.2930, -48.4584, -44.1070

Square

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



110.5520, 33.7449, 96.8629



116.1080, -57.2412, 66.5573



96.2750, -14.4326, -84.4332



114.7720, 69.1324, -100.6550

Rectangle

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



110.5520, 33.7449, 96.8629



99.9600, -18.7143, 122.8151



96.2750, -14.4326, -84.4332



112.0580, 38.4254, -98.2749

Sweetspot

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



110.5520, 33.7449, 96.8629



217.5970, 11.5377, 32.8024



74.0780, 72.4325, 7.8246



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.



110.5520, 33.7449, 96.8629



101.6380, 47.0135, 134.4985



100.2920, -5.5670, 105.8609



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Inverse Universe

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



110.5520, 33.7449, 96.8629



101.6380, 47.0135, 134.4985



161.7080, 5.5670, -105.8609



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 110.5520, 33.7449, 96.8629 looks on a white background.

Color Contrast Check

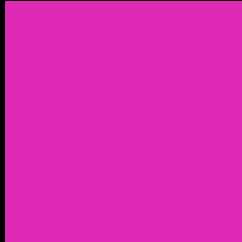
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.5520, 33.7449, 96.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

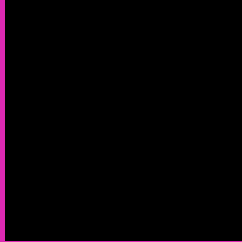
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.5520, 33.7449, 96.8629

Background



This preview shows how black text looks on a background with the YUV color 110.5520, 33.7449, 96.8629.



This preview shows how white text looks on a background with the YUV color 110.5520, 33.7449,

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

110.5520, 33.7449, 96.8629

Protanopia

114.2770, 63.4604, -54.6169

Deuteranopia

124.9550, 21.7142, -11.3615



Tritanopia

118.9350, -17.7160, 82.4950

Trichromacy



Original Color

110.5520, 33.7449, 96.8629



Protanomaly

112.8710, 52.8146, 0.1131



Deuteranomaly

119.7610, 26.2468, 28.2736



Tritanomaly

116.1910, 0.8918, 87.5325

Monochromacy



Original Color

110.5520, 33.7449, 96.8629



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.1350, 12.2584, 34.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.5520, 33.7449, 96.8629 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(221, 41, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 41, 179)  
}
```

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(221, 41, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 41, 179) }
```

Border

The CSS property to change the border of an element to YUV 110.5520, 33.7449, 96.8629 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(221, 41, 179) }
```


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

```
.border{ border-color:rgb(221, 41, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 41, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 41, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 41, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 41,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 110.5520, 33.7449, 96.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 41, 179) }
```

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

```
.background{ background-color: rgb(221, 41,  
179) }
```

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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