

Converting Colors

YUV(110.4330, 51.0585,
96.9673)

Have a look what the booklet for
YUV(110.4330, 51.0585, 96.9673)
contains.

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Color

**YUV(110.4330, 51.0585,
96.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	DD22D6
RGB	221, 34, 214
RGB Percent	87%, 13%, 84%
CMY	0.1333, 0.8667, 0.1608
CMYK	0.00, 0.85, 0.03, 0.13
HSL	302°, 73%, 50%
HSV	302°, 85%, 87%
XYZ	42.5284, 21.3712, 65.5019
YIQ	110.4330, 53.6720, 95.6240

Conversions

Conversions Part 2

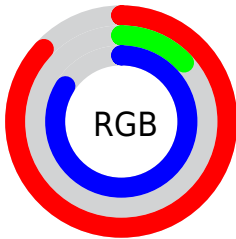
Format	Color
R _Y B	221, 34, 214
Decimal	14492374
CIE Lab	53.35, 83.49, -49.26
CIE LCh	53, 96.940, 329.460
Yxy	21.3712, 0.3287, 0.1652
Android (android.graphics.Color)	4292682454 (0xFFDD22D6)
YUV	110.4330, 51.0585, 96.9673
Hunter-Lab	46.2290, 83.3103, -51.6476

Details

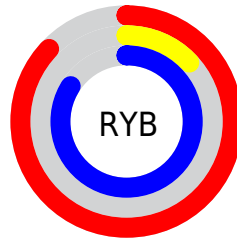
The YUV color **110.4330, 51.0585, 96.9673** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **144.5670, -51.0585, -96.9673**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **66.1510, 45.2816, 83.1826** is the 20% darker color. If you saturate the color by 10%, you get **97.4050, 56.9883, 108.3928**, and if you desaturate by 10%, it is **123.4610, 45.1287, 85.5417**.

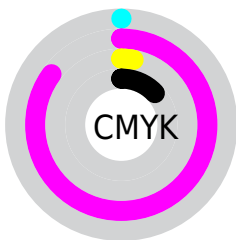
Distribution



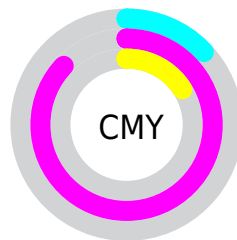
- Red (87%)
- Green (13%)
- Blue (84%)



- Red (87%)
- Yellow (13%)
- Blue (84%)



- Cyan (0%)
- Magenta (85%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (87%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4330, 51.0585, 96.9673 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 110.4330, 51.0585, 96.9673 by changing the saturation by 10% instead.


 110.4330, 51.0585,
96.9673


 110.4330, 51.0585,
96.9673

255.0000, 0.0000,
0.0000


 78.3130, 53.0897,
98.8265


 168.1240, 42.8299,
76.1903


 66.1510, 45.2816,
83.1826


 185.7340, 34.1481,
60.7463


 54.5160, 38.1996,
67.9535


 203.9310, 25.1770,
44.7875

 42.8810, 31.1177,
52.7244

 221.5410, 16.4953,
29.3435

 31.6590, 24.3251,
38.0101

 239.1510, 7.8136,
13.8996

 20.2520, 18.1168,
22.5810

 5.6700, 13.9667,

0.2894

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 110.4330, 51.0585,
96.9673

■ 110.4330, 51.0585,
96.9673

■ 97.4050, 56.9883,
108.3928

■ 123.4610, 45.1287,
85.5417

■ 90.3610, 60.4610,
114.5704

■ 136.4890, 39.1989,
74.1161

■ 149.4030, 32.8323,
62.7906

■ 162.4310, 26.9025,
51.3650

■ 176.0460, 20.6833,
39.4247

■ 189.0740, 14.7535,
27.9991

■ 202.1020, 8.8237,
16.5735

■ 215.1300, 2.8939,
5.1480

■ 228.0440, -3.4727,
-6.1776

Harmonies

Analogous

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



120.0070, 66.5515, -19.3001



110.4330, 51.0585, 96.9673



91.4070, 20.5053, 143.4711

Triad

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



110.4330, 51.0585, 96.9673



119.7310, -59.0274, 32.6849



118.2190, 44.2620, -103.6781

Complementary

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



110.4330, 51.0585, 96.9673



144.5670, -51.0585, -96.9673

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.



108.0560, 7.8604, -94.7651



110.4330, 51.0585, 96.9673



105.7460, -52.1328, -32.2262

Square

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



110.4330, 51.0585, 96.9673



115.3760, -56.8804, 90.8782



94.0630, -33.0621, -82.4933



120.6420, 66.2385, -105.8030

Rectangle

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



110.4330, 51.0585, 96.9673



85.2510, -3.0817, 148.8699



94.0630, -33.0621, -82.4933



115.1410, 32.4685, -100.9787

Sweetspot

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



110.4330, 51.0585, 96.9673



217.2040, 17.6474, 33.1471



57.1120, 80.7968, -15.0072



104.8790, 10.4127, 20.2771



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.



110.4330, 51.0585, 96.9673



104.1750, 69.4267, 132.2735



99.8310, 10.4363, 106.2652



103.4290, 2.7465, 5.7628



70.7650, 47.4439, 89.6601



18.7700, 12.4384, 23.8807

Inverse Universe

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



110.4330, 51.0585, 96.9673



104.1750, 69.4267, 132.2735



155.1690, -10.4363, -106.2652



103.4290, 2.7465, 5.7628



70.7650, 47.4439, 89.6601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 110.4330, 51.0585, 96.9673 looks on a white background.

Color Contrast Check

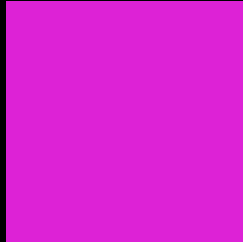
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4330, 51.0585, 96.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

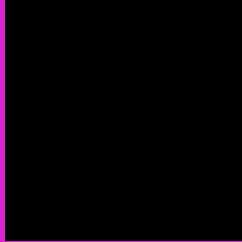
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.4330, 51.0585, 96.9673

Background



This preview shows how black text looks on a background with the YUV color 110.4330, 51.0585, 96.9673.



This preview shows how white text looks on a background with the YUV color 110.4330, 51.0585, 96.9673.

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

110.4330, 51.0585, 96.9673

Protanopia

113.2200, 69.8975, -65.9679

Deuteranopia

124.4760, 38.2193, -31.9895



Tritanopia

124.5640, -15.0681, 73.1734

Trichromacy



Original Color

110.4330, 51.0585, 96.9673



Protanomaly

112.1720, 63.0192, -6.2898



Deuteranomaly

119.3260, 42.7303, 14.6231



Tritanomaly

119.3350, 9.2018, 82.1442

Monochromacy



Original Color

110.4330, 51.0585, 96.9673



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8560, 18.8050, 35.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4330, 51.0585, 96.9673 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, 34, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 214)  
}
```

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, 34, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 214) }
```

Border

The CSS property to change the border of an element to YUV 110.4330, 51.0585, 96.9673 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, 34, 214) }
```


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

```
.border{ border-color:rgb(221, 34, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 34, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 110.4330, 51.0585, 96.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 214) }
```

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

```
.background{ background-color: rgb(221, 34,  
214) }
```

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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