

Converting Colors

YUV(111.8620, 50.3540,
89.5750)

Have a look what the booklet for
YUV(111.8620, 50.3540, 89.5750)
contains.

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Color

**YUV(111.8620, 50.3540,
89.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	D628D6
RGB	214, 40, 214
RGB Percent	84%, 16%, 84%
CMY	0.1608, 0.8431, 0.1608
CMYK	0.00, 0.81, 0.00, 0.16
HSL	300°, 69%, 50%
HSV	300°, 81%, 84%
XYZ	40.6279, 20.6688, 65.4665
YIQ	111.8620, 47.8500, 91.0020

Conversions

Conversions Part 2

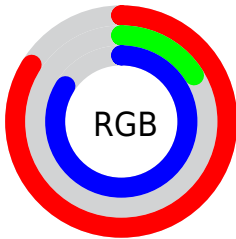
Format	Color
RYB	214, 40, 214
Decimal	14035158
CIELab	52.59, 81.02, -50.55
CIElCh	53, 95.498, 328.037
Yxy	20.6688, 0.3205, 0.1631
Android (android.graphics.Color)	4292225238 (0xFFD628D6)
YUV	111.8620, 50.3540, 89.5750
Hunter-Lab	45.4629, 79.9565, -53.5534

Details

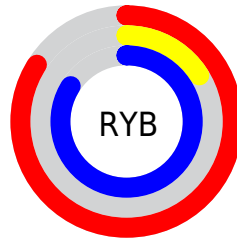
The YUV color **111.8620, 50.3540, 89.5750** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **142.1380, -50.3540, -89.5750**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 42.2511, 75.1607**, and **64.3570, 46.1660, 79.4939** is the 20% darker color. If you saturate the color by 10%, you get **99.5350, 56.4312, 100.3858**, and if you desaturate by 10%, it is **124.1890, 44.2768, 78.7642**.

Distribution



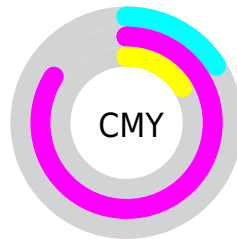
- Red (84%)
- Green (16%)
- Blue (84%)



- Red (84%)
- Yellow (16%)
- Blue (84%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.8620, 50.3540, 89.5750 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 111.8620, 50.3540, 89.5750 by changing the saturation by 10% instead.

 111.8620, 50.3540,
89.5750


 111.8620, 50.3540,
89.5750


255.0000, 0.0000,
0.0000


 76.2200, 54.1215,
94.5231


 169.2980, 42.2511,
75.1607


 64.3570, 46.1660,
79.4939


 186.9080, 33.5694,
59.7167

 52.7220, 39.0841,
64.2648


 204.5180, 24.8876,
44.2727

 41.0870, 32.0021,
49.0357

 221.5410, 16.4953,
29.3435

 30.1640, 25.0621,
34.9362

 239.7380, 7.5242,
13.3848

 18.4580, 19.0012,
18.8923

 3.8760, 14.8511,

-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 111.8620, 50.3540,
89.5750

■ 111.8620, 50.3540,
89.5750

■ 99.5350, 56.4312,
100.3858

■ 124.1890, 44.2768,
78.7642

■ 88.3820, 61.9297,
110.1670

■ 137.1030, 37.9102,
67.4387

■ 149.4300, 31.8330,
56.6279

■ 162.3440, 25.4664,
45.3023

■ 174.6710, 19.3892,
34.4915

■ 186.9980, 13.3120,
23.6808

■ 199.9120, 6.9454,
12.3552

■ 212.2390, 0.8682,
1.5444

■ 225.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



116.7070, 68.1784, -27.8070



111.8620, 50.3540, 89.5750



91.6350, 21.3789, 143.2711

Triad

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



111.8620, 50.3540, 89.5750



118.2690, -58.3066, 34.8441



115.6600, 42.0726, -101.4338

Complementary

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



111.8620, 50.3540, 89.5750



142.1380, -50.3540, -89.5750

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.



105.6110, 6.1078, -92.6208



111.8620, 50.3540, 89.5750



105.4800, -52.0016, -27.6080

Square

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



111.8620, 50.3540, 89.5750



112.7290, -55.5754, 92.3227



91.9770, -35.9777, -80.6638



119.4680, 66.8173, -104.7734

Rectangle

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



111.8620, 50.3540, 89.5750



85.4790, -2.2081, 148.6699



91.9770, -35.9777, -80.6638



112.6960, 30.7159, -98.8344

Sweetspot

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



111.8620, 50.3540, 89.5750



219.1930, 17.6529, 31.4027



59.8360, 76.0029, -17.3962



106.2810, 10.7075, 19.0476



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.



111.8620, 50.3540, 89.5750



108.2500, 72.3478, 128.6997



101.9440, 12.3526, 98.2731



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Inverse Universe

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



111.8620, 50.3540, 89.5750



108.2500, 72.3478, 128.6997



152.0560, -12.3526, -98.2731



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 111.8620, 50.3540, 89.5750 looks on a white background.

Color Contrast Check

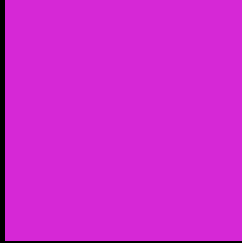
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8620, 50.3540, 89.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

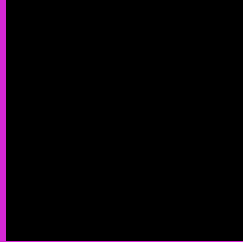
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.8620, 50.3540, 89.5750

Background



This preview shows how black text looks on a background with the YUV color 111.8620, 50.3540, 89.5750.



This preview shows how white text looks on a background with the YUV color 111.8620, 50.3540,

89.5750.

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

111.8620, 50.3540, 89.5750

Protanopia

108.1590, 72.3926, -72.9304

Deuteranopia

121.5080, 39.6826, -34.6485



Tritanopia

123.8730, -13.7414, 67.6404

Trichromacy



Original Color

111.8620, 50.3540, 89.5750



Protanomaly

109.4700, 64.3513, -13.5672



Deuteranomaly

118.1190, 43.3253, 10.4196



Tritanomaly

119.7040, 9.5129, 75.6816

Monochromacy



Original Color

111.8620, 50.3540, 89.5750



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

112.0190, 18.2316, 32.4323

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8620, 50.3540, 89.5750 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(214, 40, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 40, 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(214, 40, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 40, 214) }
```

Border

The CSS property to change the border of an element to YUV 111.8620, 50.3540, 89.5750 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(214, 40, 214) }
```


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

```
.border{ border-color:rgb(214, 40, 214) }
```

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

Here you see how a box with a 4 pixel rgb(214, 40, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 40, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 40, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 40,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 111.8620, 50.3540, 89.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 40, 214) }
```

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

```
.background{ background-color: rgb(214, 40,  
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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