

Converting Colors

YUV(87.2140, 60.0405,
109.4373)

Have a look what the booklet for
YUV(87.2140, 60.0405, 109.4373)
contains.

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Color

**YUV(87.2140, 60.0405,
109.4373)**

Conversions

Conversions Part 1

Format	Color
Hex	D400D1
RGB	212, 0, 209
RGB Percent	83%, 0%, 82%
CMY	0.1686, 1.0000, 0.1804
CMYK	0.00, 1.00, 0.01, 0.17
HSL	301°, 100%, 42%
HSV	301°, 100%, 83%
XYZ	38.6600, 18.6005, 61.8742
YIQ	87.2140, 59.2630, 109.9430

Conversions

Conversions Part 2

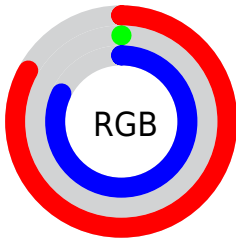
Format	Color
R_{YB}	212, 0, 209
Decimal	13893841
CIE _{Lab}	50.22, 85.05, -51.49
CIE _{LCh}	50, 99.420, 328.807
Yxy	18.6005, 0.3245, 0.1561
Android (android.graphics.Color)	4292083921 (0xFFD400D1)
YUV	87.2140, 60.0405, 109.4373
Hunter-Lab	43.1283, 84.5320, -54.8709

Details

The YUV color **87.2140, 60.0405, 109.4373** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **124.7860, -60.0405, -109.4373**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, 46.3026, 82.3678**, and **63.0040, 44.8610, 78.0495** is the 20% darker color. If you saturate the color by 10%, you get **87.2140, 60.0405, 109.4373**, and if you desaturate by 10%, it is **99.5410, 53.9633, 98.6265**.

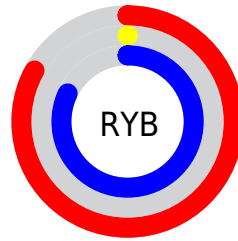
Distribution



Red (83%)

Green (0%)

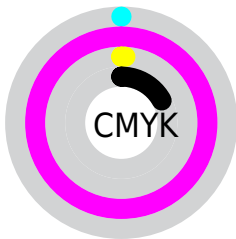
Blue (82%)



Red (83%)

Yellow (0%)

Blue (82%)

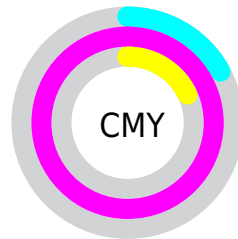


Cyan (0%)

Magenta (100%)

Yellow (1%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.2140, 60.0405, 109.4373 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 87.2140, 60.0405, 109.4373 by changing the saturation by 10% instead.


 87.2140, 60.0405,
109.4373


 87.2140, 60.0405,
109.4373


255.0000, 0.0000,
0.0000

 75.0520, 52.2324,
93.7934

 161.0800, 46.3026,
82.3678


 63.0040, 44.8610,
78.0495


 179.2770, 37.3314,
66.4091


 51.2550, 37.3423,
62.9204


 196.8870, 28.6497,
50.9651

 39.6200, 30.2603,
47.6913

 215.0840, 19.6786,
35.0063

 29.1100, 23.6098,
34.1065

 232.6940, 10.9969,
19.5624

 17.1050, 17.6962,
17.4479

 250.3040, 2.3151,

 4.5940, 12.5252,

4.1184

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 87.2140, 60.0405,
109.4373

■ 99.5410, 53.9633,
98.6265

■ 111.9820, 48.3229,
87.7158

■ 124.8960, 41.9563,
76.3902

■ 137.2230, 35.8791,
65.5794

■ 149.5500, 29.8019,
54.7687

■ 161.9910, 24.1614,
43.8579

■ 174.3180, 18.0842,
33.0471

■ 187.2320, 11.7176,
21.7215

■ 199.6730, 6.0772,
10.8108

Harmonies

Analogous

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



109.3200, 71.8202, -29.2216



87.2140, 60.0405, 109.4373



90.7230, 17.8846, 144.0709

Triad

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



87.2140, 60.0405, 109.4373



112.6430, -55.5330, 31.8851



112.0240, 43.3722, -98.2450

Complementary

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



87.2140, 60.0405, 109.4373



124.7860, -60.0405, -109.4373

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.



101.6330, 6.0969, -89.1321



87.2140, 60.0405, 109.4373



98.0600, -48.3436, -34.2556

Square

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



87.2140, 60.0405, 109.4373



106.2390, -52.3758, 92.7524



86.6310, -41.2301, -75.9754



116.5330, 68.2642, -102.1994

Rectangle

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



87.2140, 60.0405, 109.4373



84.4530, -6.1393, 149.5697



86.6310, -41.2301, -75.9754



108.8320, 31.1418, -95.4457

Sweetspot

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



87.2140, 60.0405, 109.4373



210.2740, 21.5569, 39.2247



24.1680, 92.6012, -21.1953



100.8840, 12.8752, 23.7807



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.



87.2140, 60.0405, 109.4373



104.8590, 72.0475, 131.6737



75.4720, 15.0503, 119.7351



100.5430, 3.1833, 5.6628



70.2810, 48.1755, 88.3306



17.7590, 12.4438, 22.1364

Inverse Universe

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



87.2140, 60.0405, 109.4373



104.8590, 72.0475, 131.6737



136.5280, -15.0503, -119.7351



100.5430, 3.1833, 5.6628



70.2810, 48.1755, 88.3306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 87.2140, 60.0405, 109.4373 looks on a white background.

Color Contrast Check

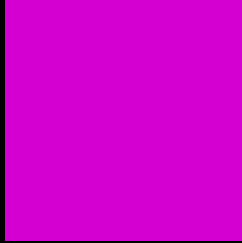
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.2140, 60.0405, 109.4373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

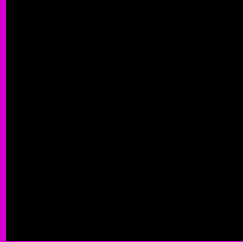
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.2140, 60.0405, 109.4373

Background



This preview shows how black text looks on a background with the YUV color 87.2140, 60.0405, 109.4373.



This preview shows how white text looks on a background with the YUV color 87.2140, 60.0405,

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



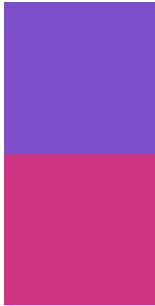
Deuteranopia

116.6820, 39.1038, -35.6781

Tritanopia

117.5530, -15.0626, 71.4290

Trichromacy



Deuteranomaly

106.0750, 46.7980, 16.5972

Tritanomaly

106.4540, 12.1012, 85.5478

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6870, 21.8463, 39.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2140, 60.0405, 109.4373 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(212, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 209)  
}
```

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(212, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 209) }
```

Border

The CSS property to change the border of an element to YUV 87.2140, 60.0405, 109.4373 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(212, 0, 209) }
```

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

```
.border{ border-color:rgb(212, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
209) }
```


Background

The CSS property to change the background color of an element to YUV 87.2140, 60.0405, 109.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 209) }
```

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

```
.background{ background-color: rgb(212, 0,  
209) }
```

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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