

Converting Colors

YUV(89.2740, 42.2629,
118.1547)

Have a look what the booklet for
YUV(89.2740, 42.2629, 118.1547)
contains.

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Color

**YUV(89.2740, 42.2629,
118.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	E004AF
RGB	224, 4, 175
RGB Percent	88%, 2%, 69%
CMY	0.1216, 0.9843, 0.3137
CMYK	0.00, 0.98, 0.22, 0.12
HSL	313°, 96%, 45%
HSV	313°, 98%, 88%
XYZ	38.5217, 19.0293, 42.2001
YIQ	89.2740, 76.2290, 99.8210

Conversions

Conversions Part 2

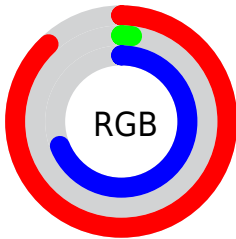
Format	Color
RYB	224, 4, 175
Decimal	14681263
CIELab	50.72, 82.43, -30.78
CIELCh	51, 87.988, 339.522
Yxy	19.0293, 0.3862, 0.1908
Android (android.graphics.Color)	4292871343 (0xFFE004AF)
YUV	89.2740, 42.2629, 118.1547
Hunter-Lab	43.6226, 81.2884, -26.8209

Details

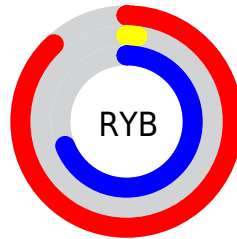
The YUV color **89.2740, 42.2629, 118.1547** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **138.7260, -42.2629, -118.1547**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9310, 35.5300, 84.2525**, and **62.9440, 29.1146, 88.6261** is the 20% darker color. If you saturate the color by 10%, you get **86.8120, 42.9837, 120.3139**, and if you desaturate by 10%, it is **102.7580, 38.0803, 106.3292**.

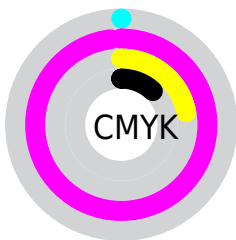
Distribution



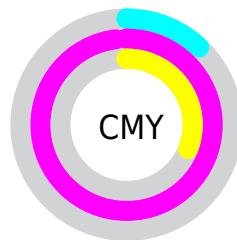
- Red (88%)
- Green (2%)
- Blue (69%)



- Red (88%)
- Yellow (2%)
- Blue (69%)



- Cyan (0%)
- Magenta (98%)
- Yellow (22%)
- Black (12%)





- Cyan (12%)
- Magenta (98%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.2740, 42.2629, 118.1547 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 89.2740, 42.2629, 118.1547 by changing the saturation by 10% instead.


 89.2740, 42.2629,
118.1547


 89.2740, 42.2629,
118.1547


255.0000, 0.0000,
0.0000


 74.8780, 36.0491,
104.4700


 158.9310, 35.5300,
84.2525


 62.9440, 29.1146,
88.6261


 179.8640, 37.0420,
65.8943


 51.1240, 22.6169,
72.6823


 198.0610, 28.0709,
49.9355

 39.7170, 16.4085,
57.2532

 215.6710, 19.3892,
34.4915

 29.0220, 10.3422,
42.9537

 233.2810, 10.7075,
19.0476

 17.2450, 5.3022,
26.0951

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 89.2740, 42.2629,
118.1547

■ 89.2740, 42.2629,
118.1547

■ 86.8120, 42.9837,
120.3139

■ 102.7580, 38.0803,
106.3292

■ 116.8290, 33.6083,
93.9890

■ 130.3130, 29.4257,
82.1635

■ 144.3840, 24.9537,
69.8232

■ 157.8680, 20.7711,
57.9978

■ 171.3520, 16.5885,
46.1723

■ 185.4230, 12.1165,
33.8320

■ 198.9070, 7.9338,
22.0066

■ 212.9780, 3.4618,
9.6663

Harmonies

Analogous

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



121.5670, 57.4015, 22.3047



89.2740, 42.2629, 118.1547



85.3670, 7.7071, 141.7521

Triad

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



89.2740, 42.2629, 118.1547



111.6360, -55.0365, 12.5972



112.6740, 50.9397, -98.8151

Complementary

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



89.2740, 42.2629, 118.1547



138.7260, -42.2629, -118.1547

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.



105.0530, 19.2009, -92.1315



89.2740, 42.2629, 118.1547



88.4480, -43.6049, -60.9059

Square

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



89.2740, 42.2629, 118.1547



113.1510, -55.7834, 65.6426



94.1720, -14.8748, -82.5888



113.0110, 70.0006, -99.1106

Rectangle

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



89.2740, 42.2629, 118.1547



84.1450, -15.8475, 136.6848



94.1720, -14.8748, -82.5888



110.7530, 41.0408, -97.1304

Sweetspot

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



89.2740, 42.2629, 118.1547



209.7380, 14.4262, 39.6948



43.4320, 89.0200, 7.5141



100.4450, 8.6546, 24.1657



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.



89.2740, 42.2629, 118.1547



98.8170, 48.8972, 136.9725



76.8480, -5.3481, 129.0523



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101

Inverse Universe

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



89.2740, 42.2629, 118.1547



98.8170, 48.8972, 136.9725



151.1520, 5.3481, -129.0523



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 89.2740, 42.2629, 118.1547 looks on a white background.

Color Contrast Check

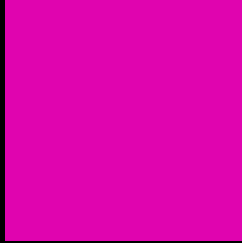
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2740, 42.2629, 118.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

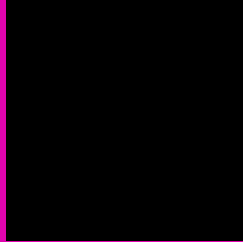
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 89.2740, 42.2629, 118.1547

Background



This preview shows how black text looks on a background with the YUV color 89.2740, 42.2629, 118.1547.



This preview shows how white text looks on a background with the YUV color 89.2740, 42.2629, 118.1547.

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

89.2740, 42.2629, 118.1547

Protanopia

105.0130, 70.4926, -70.1714

Deuteranopia

122.3250, 20.5458, -9.9320



Tritanopia

113.4090, -19.9216, 89.9723

Trichromacy



Original Color

89.2740, 42.2629, 118.1547



Protanomaly

99.3960, 59.9508, -2.1013



Deuteranomaly

110.3860, 28.4037, 36.4955



Tritanomaly

104.4360, 2.7431, 100.4726

Monochromacy



Original Color

89.2740, 42.2629, 118.1547



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.9880, 15.2889, 42.9835

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2740, 42.2629, 118.1547 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(224, 4, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 4, 175)  
}
```

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(224, 4, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 4, 175) }
```

Border

The CSS property to change the border of an element to YUV 89.2740, 42.2629, 118.1547 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(224, 4, 175) }
```


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

```
.border{ border-color:rgb(224, 4, 175) }
```

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

Here you see how a box with a 4 pixel rgb(224, 4, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 4, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 4, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 4,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 89.2740, 42.2629, 118.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 4, 175) }
```

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

```
.background{ background-color: rgb(224, 4,  
175) }
```

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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