

Converting Colors

YUV(129.0700, 48.2795,
101.6706)

Have a look what the booklet for
YUV(129.0700, 48.2795, 101.6706)
contains.

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Color

**YUV(129.0700, 48.2795,
101.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	F533E3
RGB	245, 51, 227
RGB Percent	96%, 20%, 89%
CMY	0.0392, 0.8000, 0.1098
CMYK	0.00, 0.79, 0.07, 0.04
HSL	306°, 91%, 58%
HSV	306°, 79%, 96%
XYZ	52.7051, 27.3262, 75.1697
YIQ	129.0700, 59.1280, 95.8640

Conversions

Conversions Part 2

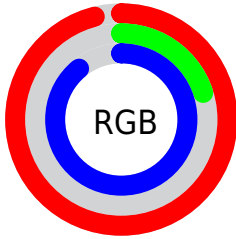
Format	Color
R _Y B	245, 51, 227
Decimal	16069603
CIE Lab	59.28, 86.32, -46.98
CIE LCh	59, 98.274, 331.443
Yxy	27.3262, 0.3396, 0.1761
Android (android.graphics.Color)	4294259683 (0xFFFF533E3)
YUV	129.0700, 48.2795, 101.6706
Hunter-Lab	52.2745, 88.4904, -48.6658

Details

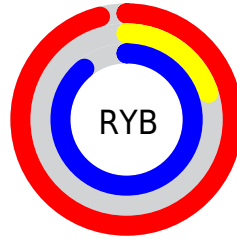
The YUV color **129.0700, 48.2795, 101.6706** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **166.9300, -48.2795, -101.6706**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7550, 39.0678, 69.4979**, and **74.5100, 47.5696, 96.0227** is the 20% darker color. If you saturate the color by 10%, you get **114.1670, 54.6407, 114.7405**, and if you desaturate by 10%, it is **143.9730, 41.9183, 88.6007**.

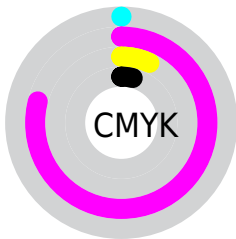
Distribution



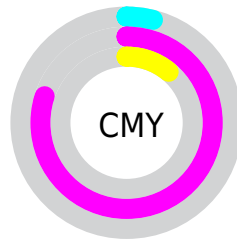
- Red (96%)
- Green (20%)
- Blue (89%)



- Red (96%)
- Yellow (20%)
- Blue (89%)



- Cyan (0%)
- Magenta (79%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (80%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.0700, 48.2795, 101.6706 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 129.0700, 48.2795, 101.6706 by changing the saturation by 10% instead.


 129.0700, 48.2795,
101.6706


 129.0700, 48.2795,
101.6706


255.0000, 0.0000,
0.0000


 86.6720, 55.3777,
111.6667


 175.7550, 39.0678,
69.4979


 74.5100, 47.5696,
96.0227


 193.9520, 30.0967,
53.5391

 62.4620, 40.1982,
80.2788


 211.5620, 21.4149,
38.0951

 50.8270, 33.1163,
65.0497

 229.7590, 12.4438,
22.1364

 39.1920, 26.0343,
49.8206

 247.3690, 3.7621,
6.6924

 28.3830, 19.5312,
35.6211

 16.7910, 13.9070,

19.4773

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 129.0700, 48.2795,
101.6706

■ 129.0700, 48.2795,
101.6706

■ 114.1670, 54.6407,
114.7405

■ 143.9730, 41.9183,
88.6007

■ 99.7370, 60.2757,
127.3957

■ 158.4030, 36.2833,
75.9456

■ 98.5630, 60.8544,
128.4252

■ 173.3060, 29.9221,
62.8756

■ 187.6220, 23.8504,
50.3205

202.5250, 17.4892,
37.2506

216.9550, 11.8542,
24.5955

231.8580, 5.4930,
11.5255

246.1740, -0.5788,
-1.0296

251.0980, -2.0203,
-5.3479

Harmonies

Analogous

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



136.9180, 58.2144, -5.1901



129.0700, 48.2795, 101.6706



92.5470, 24.8733, 142.4713

Triad

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



129.0700, 48.2795, 101.6706



133.5970, -65.8633, 31.9254



130.9340, 49.8255, -114.8291

Complementary

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



129.0700, 48.2795, 101.6706



166.9300, -48.2795, -101.6706

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.



120.4290, 12.1135, -105.6162



129.0700, 48.2795, 101.6706



118.4160, -58.3791, -35.4448

Square

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



129.0700, 48.2795, 101.6706



131.0250, -64.5953, 92.0631



107.2510, -28.2247, -94.0591



130.0340, 61.6082, -114.0398

Rectangle

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



129.0700, 48.2795, 101.6706



86.0490, -0.0242, 148.1700



107.2510, -28.2247, -94.0591



127.7420, 37.5952, -112.0297

Sweetspot

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



129.0700, 48.2795, 101.6706



218.5090, 15.0321, 32.0026



77.9000, 82.3803, -9.5593



105.8250, 8.9603, 19.4475



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.



129.0700, 48.2795, 101.6706



110.4380, 60.4231, 126.7809



118.2400, 6.7837, 111.1685



114.8420, 3.0359, 6.2776



74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Inverse Universe

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



129.0700, 48.2795, 101.6706



110.4380, 60.4231, 126.7809



177.7600, -6.7837, -111.1685



114.8420, 3.0359, 6.2776



74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 129.0700, 48.2795, 101.6706 looks on a white background.

Color Contrast Check

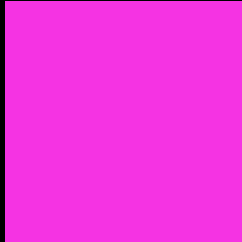
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0700, 48.2795, 101.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

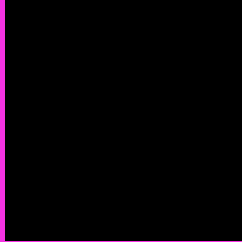
Any Text WCAG AA ✓ Pass

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 129.0700, 48.2795, 101.6706 Background



This preview shows how black text looks on a background with the YUV color 129.0700, 48.2795, 101.6706.



This preview shows how white text looks on a background with the YUV color 129.0700, 48.2795, 101.6706.

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

129.0700, 48.2795, 101.6706

Protanopia

136.3770, 58.4811, -44.1806

Deuteranopia

140.6400, 36.1665, -26.8713



Tritanopia

139.7500, -17.1318, 81.7802

Trichromacy



Original Color

129.0700, 48.2795, 101.6706



Protanomaly

133.7950, 54.8241, 8.9498



Deuteranomaly

136.4900, 40.6774, 19.7413



Tritanomaly

135.9830, 6.4174, 88.5919

Monochromacy



Original Color

129.0700, 48.2795, 101.6706



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.2260, 17.6366, 36.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0700, 48.2795, 101.6706 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(245, 51, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 51, 227)  
}
```

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(245, 51, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 51, 227) }
```

Border

The CSS property to change the border of an element to YUV 129.0700, 48.2795, 101.6706 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(245, 51, 227) }
```


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

```
.border{ border-color:rgb(245, 51, 227) }
```

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

Here you see how a box with a 4 pixel rgb(245, 51, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 51, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 51, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 51,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 129.0700, 48.2795, 101.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 51, 227) }
```

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

```
.background{ background-color: rgb(245, 51,  
227) }
```

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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