

Converting Colors

YUV(179.9250, 27.6450,
46.5468)

Have a look what the booklet for
YUV(179.9250, 27.6450, 46.5468)
contains.

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Color

**YUV(179.9250, 27.6450,
46.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	E98EEC
RGB	233, 142, 236
RGB Percent	91%, 56%, 93%
CMY	0.0863, 0.4431, 0.0745
CMYK	0.01, 0.40, 0.00, 0.07
HSL	298°, 71%, 74%
HSV	298°, 40%, 93%
XYZ	58.4176, 42.7258, 84.5248
YIQ	179.9250, 24.0620, 48.5260

Conversions

Conversions Part 2

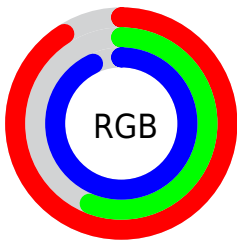
Format	Color
R _Y B	233, 142, 236
Decimal	15306476
CIE Lab	71.37, 48.53, -33.18
CIE LCh	71, 58.782, 325.641
Yxy	42.7258, 0.3146, 0.2301
Android (android.graphics.Color)	4293496556 (0xFFE98EEC)
YUV	179.9250, 27.6450, 46.5468
Hunter-Lab	65.3650, 45.1393, -30.9137

Details

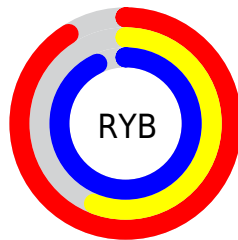
The YUV color **179.9250, 27.6450, 46.5468** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **198.0750, -27.6450, -46.5468**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **125.3870, 26.9242, 44.3876** is the 20% darker color. If you saturate the color by 10%, you get **165.5380, 34.7378, 58.2872**, and if you desaturate by 10%, it is **194.3120, 20.5522, 34.8064**.

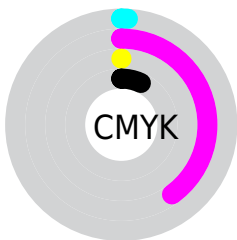
Distribution



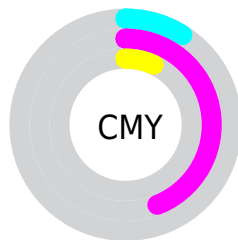
- Red (91%)
- Green (56%)
- Blue (93%)



- Red (91%)
- Yellow (56%)
- Blue (93%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.9250, 27.6450, 46.5468 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 179.9250, 27.6450, 46.5468 by changing the saturation by 10% instead.

 179.9250, 27.6450,
46.5468


 179.9250, 27.6450,
46.5468


255.0000, 0.0000,
0.0000


 152.2130, 27.5030,
45.4172


 220.9540, 16.7847,
29.8583


 125.3870, 26.9242,
44.3876

 237.9770, 8.3923,
14.9292

 98.6750, 26.7822,
43.2580

 71.7890, 27.2190,
43.1580

 39.6200, 30.2603,
47.6913

 29.1100, 23.6098,
34.1065

 19.9100, 16.8064,

22.8809

■ 5.9260, 12.3615,
1.8189

■ 0.3420, 1.3104,
-0.2999

■ 179.9250, 27.6450,
46.5468

■ 179.9250, 27.6450,
46.5468

■ 165.5380, 34.7378,
58.2872

■ 194.3120, 20.5522,
34.8064

■ 151.7380, 41.5412,
69.5128

■ 208.1120, 13.7488,
23.5808

■ 137.6500, 48.4865,
81.8679

■ 222.2000, 6.8034,
11.2256

■ 123.8500, 55.2900,
93.0936

■ 236.0000, 0.0000,
0.0000

■ 109.4630, 62.3827,
104.8339

■ 247.4520, -5.6458,
-9.1664

■ 95.0760, 69.4755,
116.5743

■ 247.7510, -5.7932,
-8.5516

■ 248.0500, -5.9407,
-7.9369

■ 248.3490, -6.0881,
-7.3221

Harmonies

Analogous

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



174.3740, 39.7486, -9.0980



179.9250, 27.6450, 46.5468



172.4710, 6.1768, 72.3779

Triad

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



179.9250, 27.6450, 46.5468



169.3600, -52.9285, 36.5183



143.0670, 37.9280, -125.4698

Complementary

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



179.9250, 27.6450, 46.5468



198.0750, -27.6450, -46.5468

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.



136.7970, 13.9041, -119.9710



179.9250, 27.6450, 46.5468



164.3440, -45.5256, -4.6867

Square

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



179.9250, 27.6450, 46.5468



172.4300, -42.1170, 68.9059



154.7300, -21.0659, -56.7682



143.5350, 54.9522, -125.8802

Rectangle

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



179.9250, 27.6450, 46.5468



168.3670, -9.5479, 75.9771



154.7300, -21.0659, -56.7682



141.0150, 30.0656, -123.6702

Sweetspot

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



179.9250, 27.6450, 46.5468



236.5040, 9.1185, 15.3440



154.4770, 40.1908, -10.9423



117.1350, 5.3564, 8.6516



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.



179.9250, 27.6450, 46.5468



182.1900, 35.8953, 60.3464



175.8060, 7.9836, 52.7901



110.5430, 3.1833, 5.6628



72.9590, 53.2642, 89.4900



21.7040, 15.9219, 26.5696

Inverse Universe

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



170.4480, -12.5459, 57.4891



169.9340, -16.2365, 74.6029



202.1940, -7.9836, -52.7901



109.2890, -1.6215, 6.7625



54.8030, -24.0599, 110.6748



16.3740, -7.0864, 32.9980

Previews

White Background



This preview shows how the YUV color 179.9250, 27.6450, 46.5468 looks on a white background.

Color Contrast Check

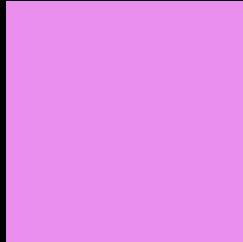
Large Text (above 18pt) WCAG AA × Fail

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 179.9250, 27.6450, 46.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

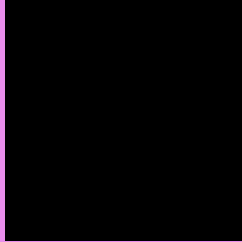
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.9250, 27.6450, 46.5468

Background



This preview shows how black text looks on a background with the YUV color 179.9250, 27.6450, 46.5468.



This preview shows how white text looks on a background with the YUV color 179.9250, 27.6450,

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

179.9250, 27.6450, 46.5468

Protanopia

174.2860, 39.7920, -23.0528

Deuteranopia

175.6220, 26.8084, -11.9465



Tritanopia

177.7000, -4.7821, 40.6051

Trichromacy



Original Color

179.9250, 27.6450, 46.5468



Protanomaly

176.3000, 35.3481, 2.3679



Deuteranomaly

177.1670, 27.0327, 9.5005



Tritanomaly

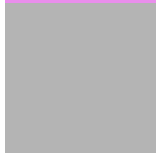
178.5120, 7.1426, 42.5240

Monochromacy



Original Color

179.9250, 27.6450, 46.5468



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.7430, 9.9867, 16.8884

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9250, 27.6450, 46.5468 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(233, 142, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 142, 236)  
}
```

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(233, 142, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 142, 236) }
```

Border

The CSS property to change the border of an element to YUV 179.9250, 27.6450, 46.5468 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(233, 142, 236) }
```


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

```
.border{ border-color:rgb(233, 142, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 142, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 142, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 142, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 142,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 179.9250, 27.6450, 46.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 142, 236) }
```

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

```
.background{ background-color: rgb(233,  
142, 236) }
```

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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