

Converting Colors

YUV(172.8220, 27.2028,
48.3911)

Have a look what the booklet for
YUV(172.8220, 27.2028, 48.3911)
contains.

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Color

**YUV(172.8220, 27.2028,
48.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	E486E4
RGB	228, 134, 228
RGB Percent	89%, 53%, 89%
CMY	0.1059, 0.4745, 0.1059
CMYK	0.00, 0.41, 0.00, 0.11
HSL	300°, 64%, 71%
HSV	300°, 41%, 89%
XYZ	54.5236, 39.1456, 78.0809
YIQ	172.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

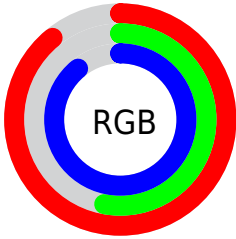
Format	Color
R _Y B	228, 134, 228
Decimal	14976740
CIE _{Lab}	68.86, 49.69, -32.71
CIE _{LCh}	69, 59.490, 326.642
Yxy	39.1456, 0.3175, 0.2279
Android (android.graphics.Color)	4293166820 (0xFFE486E4)
YUV	172.8220, 27.2028, 48.3911
Hunter-Lab	62.5665, 46.0627, -30.1955

Details

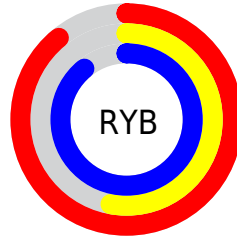
The YUV color **172.8220, 27.2028, 48.3911** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **189.1780, -27.2028, -48.3911**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2580, 19.0998, 33.9767**, and **118.2840, 26.4820, 46.2319** is the 20% darker color. If you saturate the color by 10%, you get **159.3210, 33.8587, 60.2315**, and if you desaturate by 10%, it is **186.3230, 20.5468, 36.5507**.

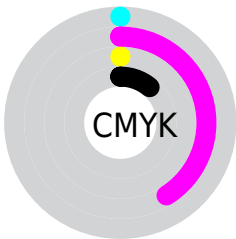
Distribution



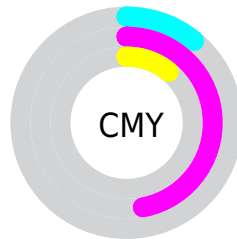
- Red (89%)
- Green (53%)
- Blue (89%)



- Red (89%)
- Yellow (53%)
- Blue (89%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8220, 27.2028, 48.3911 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 172.8220, 27.2028, 48.3911 by changing the saturation by 10% instead.

172.8220, 27.2028,
48.3911

172.8220, 27.2028,
48.3911

255.0000, 0.0000,
0.0000

145.1100, 27.0608,
47.2615

216.2580, 19.0998,
33.9767

118.2840, 26.4820,
46.2319

233.2810, 10.7075,
19.0476

90.9850, 26.6294,
45.6172

250.3040, 2.3151,
4.1184

63.5120, 27.3556,
46.0320

37.3270, 27.9398,
45.3172

27.1160, 21.1418,
32.3473

18.0300, 14.7752,

21.0217

■ 2.8500, 10.9200,
-2.4994

■ 0.0000, 0.0000,
0.0000

■ 172.8220, 27.2028,
48.3911

■ 172.8220, 27.2028,
48.3911

■ 159.3210, 33.8587,
60.2315

■ 186.3230, 20.5468,
36.5507

■ 145.8200, 40.5147,
72.0719

■ 199.8240, 13.8908,
24.7104

■ 132.9060, 46.8813,
83.3974

■ 212.7380, 7.5242,
13.3848

■ 119.4050, 53.5373,
95.2378

■ 226.2390, 0.8682,
1.5444

■ 105.9040, 60.1933,
107.0782

■ 239.7400, -5.7878,
-10.2960

■ 94.1640, 65.9811,
117.3742

■ 243.8490, -7.8136,
-13.8996

Harmonies

Analogous

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



168.1830, 42.8008, -8.0535



172.8220, 27.2028, 48.3911



166.7490, 4.5607, 77.3961

Triad

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



172.8220, 27.2028, 48.3911



162.4200, -53.9441, 35.5887



138.3880, 37.7697, -121.3663

Complementary

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



172.8220, 27.2028, 48.3911



189.1780, -27.2028, -48.3911

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.



132.1180, 13.7458, -115.8675



172.8220, 27.2028, 48.3911



157.3330, -45.5202, -6.4310

Square

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



172.8220, 27.2028, 48.3911



165.4900, -43.1326, 67.9763



146.3490, -19.8921, -59.9421



139.4260, 56.9780, -122.2766

Rectangle

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



172.8220, 27.2028, 48.3911



163.2320, -11.4534, 80.4805



146.3490, -19.8921, -59.9421



136.3360, 29.9074, -119.5667

Sweetspot

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



172.8220, 27.2028, 48.3911



236.8030, 8.9711, 15.9588



144.7160, 41.0590, -9.3979



117.4340, 5.2090, 9.2664



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.



172.8220, 27.2028, 48.3911



181.6250, 36.1739, 64.3499



167.4640, 6.6732, 53.0901



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Inverse Universe

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



172.8220, 27.2028, 48.3911



181.6250, 36.1739, 64.3499



194.5360, -6.6732, -53.0901



107.9560, 3.4727, 6.1776



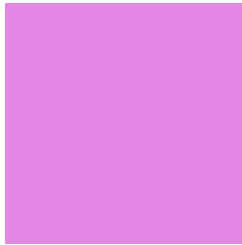
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 172.8220, 27.2028, 48.3911 looks on a white background.

Color Contrast Check

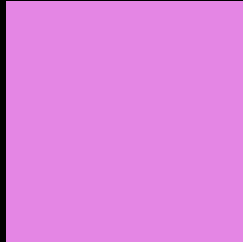
Large Text (above 18pt) WCAG AA × Fail

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 172.8220, 27.2028, 48.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

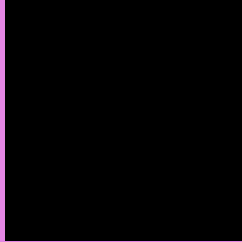
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8220, 27.2028, 48.3911

Background



This preview shows how black text looks on a background with the YUV color 172.8220, 27.2028, 48.3911.



This preview shows how white text looks on a background with the YUV color 172.8220, 27.2028,

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

172.8220, 27.2028, 48.3911

Protanopia

167.5460, 42.1288, -25.9118

Deuteranopia

169.0950, 26.0822, -12.3613



Tritanopia

171.1840, -5.5137, 41.9346

Trichromacy



Original Color

172.8220, 27.2028, 48.3911



Protanomaly

169.3430, 36.8059, 1.4532



Deuteranomaly

170.3520, 26.4485, 10.2153



Tritanomaly

171.9960, 6.4110, 43.8535

Monochromacy



Original Color

172.8220, 27.2028, 48.3911



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8220, 27.2028, 48.3911 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(228, 134, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 134, 228)  
}
```

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(228, 134, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 134, 228) }
```

Border

The CSS property to change the border of an element to YUV 172.8220, 27.2028, 48.3911 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(228, 134, 228) }
```


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

```
.border{ border-color:rgb(228, 134, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 134, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 134, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 134, 228);  
box-shadow:4px 4px 4px 4px rgb(228, 134,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 172.8220, 27.2028, 48.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 134, 228) }
```

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

```
.background{ background-color: rgb(228,  
134, 228) }
```

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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