

Converting Colors

YUV(169.4630, 28.3657,
48.7059)

Have a look what the booklet for
YUV(169.4630, 28.3657, 48.7059)
contains.

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Color

**YUV(169.4630, 28.3657,
48.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	E182E3
RGB	225, 130, 227
RGB Percent	88%, 51%, 89%
CMY	0.1176, 0.4902, 0.1098
CMYK	0.01, 0.43, 0.00, 0.11
HSL	299°, 63%, 70%
HSV	299°, 43%, 89%
XYZ	52.8991, 37.5189, 77.1268
YIQ	169.4630, 25.4830, 50.3070

Conversions

Conversions Part 2

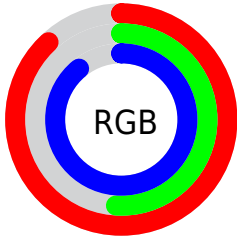
Format	Color
R_{YB}	225, 130, 227
Decimal	14779107
CIE _{Lab}	67.66, 50.66, -34.03
CIE _{LCh}	68, 61.031, 326.106
Yxy	37.5189, 0.3157, 0.2239
Android (android.graphics.Color)	4292969187 (0xFFE182E3)
YUV	169.4630, 28.3657, 48.7059
Hunter-Lab	61.2526, 46.9643, -31.7787

Details

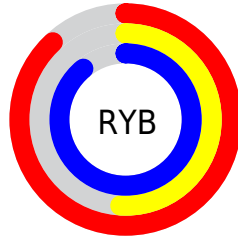
The YUV color **169.4630, 28.3657, 48.7059** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **187.5370, -28.3657, -48.7059**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9100, 20.2574, 36.0359**, and **114.9250, 27.6450, 46.5468** is the 20% darker color. If you saturate the color by 10%, you get **155.9620, 35.0217, 60.5463**, and if you desaturate by 10%, it is **182.9640, 21.7097, 36.8656**.

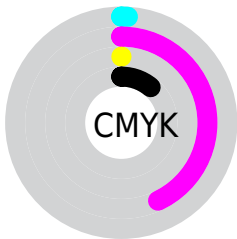
Distribution



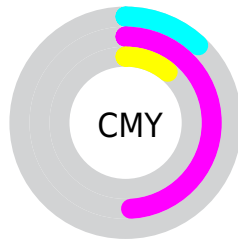
- Red (88%)
- Green (51%)
- Blue (89%)



- Red (88%)
- Yellow (51%)
- Blue (89%)



- Cyan (1%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4630, 28.3657, 48.7059 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 169.4630, 28.3657, 48.7059 by changing the saturation by 10% instead.

169.4630, 28.3657,
48.7059

169.4630, 28.3657,
48.7059

255.0000, 0.0000,
0.0000

141.7510, 28.2238,
47.5764

213.9100, 20.2574,
36.0359

114.9250, 27.6450,
46.5468

230.9330, 11.8650,
21.1068

87.6260, 27.7924,
45.9320

247.9560, 3.4727,
6.1776

59.0930, 29.5342,
47.2764

36.6150, 27.7978,
44.1876

26.1050, 21.1472,
30.6029

16.7200, 14.9280,

18.6626

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 169.4630, 28.3657,
48.7059

■ 169.4630, 28.3657,
48.7059

■ 155.9620, 35.0217,
60.5463

■ 182.9640, 21.7097,
36.8656

■ 142.7490, 41.5357,
71.2571

■ 196.1770, 15.1957,
26.1548

■ 129.2480, 48.1917,
83.0975

■ 209.6780, 8.5397,
14.3144

■ 115.4480, 54.9951,
94.3231

■ 223.4780, 1.7363,
3.0888

■ 102.5340, 61.3617,
105.6487

■ 236.3920, -4.6303,
-8.2368

■ 92.2560, 66.4288,
113.7855

■ 243.7350, -8.2504,
-13.7996

■ 244.0340, -8.3978,
-13.1848

Harmonies

Analogous

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



164.9270, 44.4060, -9.5830



169.4630, 28.3657, 48.7059



163.5860, 5.1341, 80.1701

Triad

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



169.4630, 28.3657, 48.7059



158.9640, -55.6913, 35.9886



136.2850, 37.3275, -119.5219

Complementary

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



169.4630, 28.3657, 48.7059



187.5370, -28.3657, -48.7059

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.



129.9010, 12.8668, -113.9232



169.4630, 28.3657, 48.7059



153.8770, -47.2674, -6.0311

Square

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



169.4630, 28.3657, 48.7059



161.3870, -43.5748, 69.8206



142.4090, -20.9076, -60.8717



138.2520, 57.5568, -121.2470

Rectangle

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



169.4630, 28.3657, 48.7059



159.3680, -11.0274, 83.8693



142.4090, -20.9076, -60.8717



134.8200, 29.1757, -118.2371

Sweetspot

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



169.4630, 28.3657, 48.7059



235.3300, 9.6973, 16.3736



142.8190, 41.5012, -11.2423



115.3740, 6.2246, 10.1960



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.



169.4630, 28.3657, 48.7059



177.7930, 38.0631, 65.0795



164.9310, 8.4150, 54.4345



107.9560, 3.4727, 6.1776



72.7310, 52.3906, 89.6899



20.7640, 14.9063, 25.6400

Inverse Universe

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



159.2310, -13.4249, 59.4334



164.2120, -17.8525, 79.6211



192.0690, -8.4150, -54.4345



106.7020, -1.3321, 7.2773



53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 169.4630, 28.3657, 48.7059 looks on a white background.

Color Contrast Check

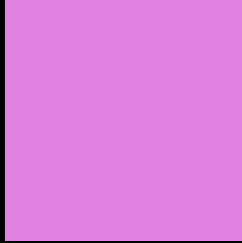
Large Text (above 18pt) WCAG AA × Fail

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 169.4630, 28.3657, 48.7059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

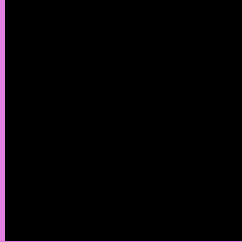
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.4630, 28.3657, 48.7059

Background



This preview shows how black text looks on a background with the YUV color 169.4630, 28.3657, 48.7059.



This preview shows how white text looks on a background with the YUV color 169.4630, 28.3657,

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

169.4630, 28.3657, 48.7059

Protanopia

163.7030, 44.0234, -26.9265

Deuteranopia

165.7250, 27.2506, -13.7908



Tritanopia

168.1840, -5.5137, 41.9346

Trichromacy



Original Color

169.4630, 28.3657, 48.7059



Protanomaly

165.5000, 38.7005, 0.4385



Deuteranomaly

166.9820, 27.6169, 8.7858



Tritanomaly

168.4090, 6.7004, 44.3683

Monochromacy



Original Color

169.4630, 28.3657, 48.7059



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1560, 10.2761, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4630, 28.3657, 48.7059 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(225, 130, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 130, 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(225, 130, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 130, 227) }
```

Border

The CSS property to change the border of an element to YUV 169.4630, 28.3657, 48.7059 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(225, 130, 227) }
```


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

```
.border{ border-color:rgb(225, 130, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 130, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 130, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 130, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 130,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 169.4630, 28.3657, 48.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 130, 227) }
```

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

```
.background{ background-color: rgb(225,  
130, 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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