

Converting Colors

YUV(168.4680, 27.3773,
39.0546)

Have a look what the booklet for
YUV(168.4680, 27.3773, 39.0546)
contains.

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Color

**YUV(168.4680, 27.3773,
39.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	D587E0
RGB	213, 135, 224
RGB Percent	84%, 53%, 88%
CMY	0.1647, 0.4706, 0.1216
CMYK	0.05, 0.40, 0.00, 0.12
HSL	293°, 59%, 70%
HSV	293°, 40%, 88%
XYZ	49.5591, 36.8559, 75.0229
YIQ	168.4680, 17.9190, 44.2150

Conversions

Conversions Part 2

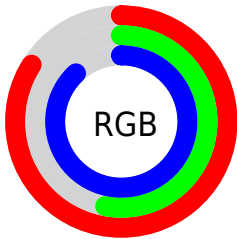
Format	Color
R _Y B	213, 135, 224
Decimal	13993952
CIE Lab	67.17, 43.95, -33.25
CIE LCh	67, 55.113, 322.889
Yxy	36.8559, 0.3070, 0.2283
Android (android.graphics.Color)	4292184032 (0xFFD587E0)
YUV	168.4680, 27.3773, 39.0546
Hunter-Lab	60.7091, 39.4754, -30.7729

Details

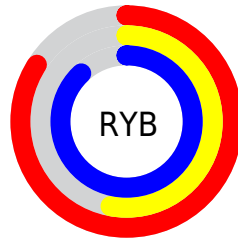
The YUV color **168.4680, 27.3773, 39.0546** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **190.5320, -27.3773, -39.0546**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **114.8160, 26.2197, 36.9954** is the 20% darker color. If you saturate the color by 10%, you get **154.6570, 34.1861, 48.5358**, and if you desaturate by 10%, it is **182.2790, 20.5685, 29.5733**.

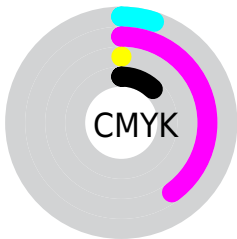
Distribution



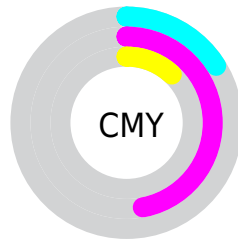
- Red (84%)
- Green (53%)
- Blue (88%)



- Red (84%)
- Yellow (53%)
- Blue (88%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4680, 27.3773, 39.0546 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 168.4680, 27.3773, 39.0546 by changing the saturation by 10% instead.

168.4680, 27.3773,
39.0546

168.4680, 27.3773,
39.0546

255.0000, 0.0000,
0.0000

141.6420, 26.7985,
38.0250

216.8450, 18.8104,
33.4619

114.8160, 26.2197,
36.9954

233.2810, 10.7075,
19.0476

88.5170, 26.3671,
36.3806

250.3040, 2.3151,
4.1184

62.2180, 26.5145,
35.7658

33.3970, 28.3983,
38.2398

23.1860, 21.6003,
25.2699

13.9860, 14.7969,

14.0443

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 168.4680, 27.3773,
39.0546

■ 168.4680, 27.3773,
39.0546

■ 154.6570, 34.1861,
48.5358

■ 182.2790, 20.5685,
29.5733

■ 140.2590, 41.2843,
58.5319

■ 196.6770, 13.4702,
19.5773

■ 126.7470, 47.9457,
68.6279

■ 210.1890, 6.8088,
9.4812

■ 112.3490, 55.0439,
78.6239

■ 224.5870, -0.2894,
-0.5148

■ 98.5380, 61.8528,
88.1052

■ 238.3980, -7.0982,
-9.9960

■ 84.7270, 68.6616,
97.5864

■ 243.9910, -9.8556,
-12.2701

■ 84.1400, 68.9510,
98.1012

■ 244.5890,
-10.1504, -11.0406

■ 245.4860,
-10.5926, -9.1962

■ 246.3830,
-11.0348, -7.3519

Harmonies

Analogous

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



163.7090, 45.0065, -15.5308



168.4680, 27.3773, 39.0546



165.3570, 5.7400, 72.4779

Triad

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



168.4680, 27.3773, 39.0546



159.0980, -48.8553, 36.7481



133.2700, 33.3909, -116.8778

Complementary

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



168.4680, 27.3773, 39.0546



190.5320, -27.3773, -39.0546

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.



126.8690, 11.4036, -111.2641



168.4680, 27.3773, 39.0546



154.6480, -43.2105, -0.5683

Square

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



168.4680, 27.3773, 39.0546



161.5590, -37.7436, 66.1618



146.1550, -22.2614, -46.6169



135.0090, 52.7466, -118.4029

Rectangle

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



168.4680, 27.3773, 39.0546



163.1010, -9.4168, 80.5954



146.1550, -22.2614, -46.6169



131.3320, 25.9653, -115.1782

Sweetspot

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



168.4680, 27.3773, 39.0546



235.6070, 9.5607, 13.4997



152.1900, 35.4023, -15.0756



116.5370, 5.6513, 7.4221



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.



168.4680, 27.3773, 39.0546



178.9010, 37.5168, 53.5838



167.9950, 11.3415, 49.1164



105.2440, 3.3307, 5.0480



66.1100, 54.1758, 77.0795



18.0300, 14.7752, 21.0217

Inverse Universe

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



162.8650, -8.3144, 53.6154



171.1880, -11.4317, 73.5031



191.0050, -11.3415, -49.1164



104.4030, -1.1847, 6.6626



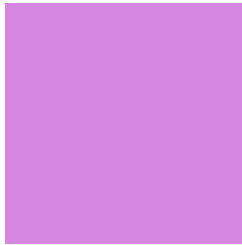
55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 168.4680, 27.3773, 39.0546 looks on a white background.

Color Contrast Check

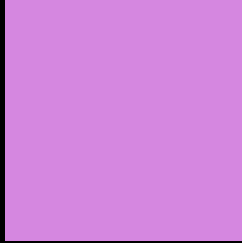
Large Text (above 18pt) WCAG AA × Fail

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 168.4680, 27.3773, 39.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

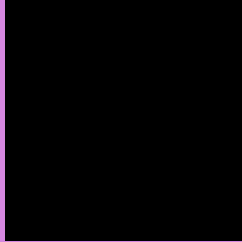
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.4680, 27.3773, 39.0546

Background



This preview shows how black text looks on a background with the YUV color 168.4680, 27.3773, 39.0546.



This preview shows how white text looks on a background with the YUV color 168.4680, 27.3773,

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

168.4680, 27.3773, 39.0546

Protanopia

162.8020, 40.5236, -24.3824

Deuteranopia

164.0240, 27.1032, -13.1760



Tritanopia

166.6990, -3.3026, 32.7130

Trichromacy



Original Color

168.4680, 27.3773, 39.0546



Protanomaly

164.9790, 35.5064, -1.7356



Deuteranomaly

165.8460, 27.1909, 5.3971



Tritanomaly

167.2830, 7.7485, 34.8318

Monochromacy



Original Color

168.4680, 27.3773, 39.0546



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0200, 9.8501, 14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4680, 27.3773, 39.0546 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(213, 135, 224)` looks like.

```
.text, #text, p{  
    color:rgb(213, 135, 224)  
}
```

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(213, 135, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 135, 224) }
```

Border

The CSS property to change the border of an element to YUV 168.4680, 27.3773, 39.0546 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(213, 135, 224) }
```


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

```
.border{ border-color:rgb(213, 135, 224) }
```

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

Here you see how a box with a 4 pixel rgb(213, 135, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 135, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 135, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 135,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 168.4680, 27.3773, 39.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 135, 224) }
```

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

```
.background{ background-color: rgb(213,  
135, 224) }
```

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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