

Converting Colors

YUV(183.3360, 27.4424,
18.1223)

Have a look what the booklet for
YUV(183.3360, 27.4424, 18.1223)
contains.

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Color

**YUV(183.3360, 27.4424,
18.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA2EF
RGB	204, 162, 239
RGB Percent	80%, 64%, 94%
CMY	0.2000, 0.3647, 0.0627
CMYK	0.15, 0.32, 0.00, 0.06
HSL	273°, 71%, 79%
HSV	273°, 32%, 94%
XYZ	53.4022, 44.9100, 87.5153
YIQ	183.3360, 0.3150, 32.8510

Conversions

Conversions Part 2

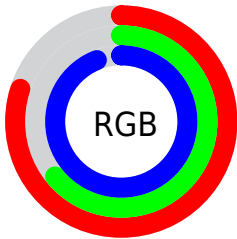
Format	Color
R _Y B	204, 162, 239
Decimal	13411055
CIE Lab	72.83, 29.68, -32.79
CIE LCh	73, 44.232, 312.149
Yxy	44.9100, 0.2874, 0.2417
Android (android.graphics.Color)	4291601135 (0xFFCCA2EF)
YUV	183.3360, 27.4424, 18.1223
Hunter-Lab	67.0149, 24.9650, -30.5167

Details

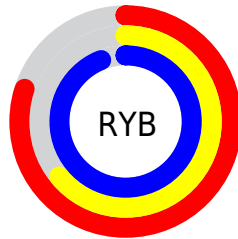
The YUV color **183.3360, 27.4424, 18.1223** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **217.6640, -27.4424, -18.1223**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **129.9830, 26.1374, 16.6779** is the 20% darker color. If you saturate the color by 10%, you get **165.9590, 36.0092, 23.7150**, and if you desaturate by 10%, it is **200.7130, 18.8755, 12.5297**.

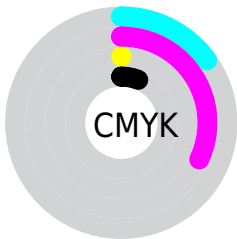
Distribution



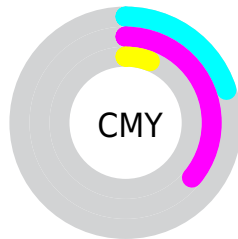
- Red (80%)
- Green (64%)
- Blue (94%)



- Red (80%)
- Yellow (64%)
- Blue (94%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (6%)




- Cyan (20%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.3360, 27.4424, 18.1223 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 183.3360, 27.4424, 18.1223 by changing the saturation by 10% instead.


 183.3360, 27.4424,
18.1223


 183.3360, 27.4424,
18.1223


255.0000, 0.0000,
0.0000


 156.5100, 26.8636,
17.0927


 232.6940, 10.9969,
19.5624


 129.9830, 26.1374,
16.6779

 249.7170, 2.6045,
4.6332

 104.1570, 25.5586,
15.6483

 79.2170, 24.5430,
14.7187

 55.3910, 23.9642,
13.6891

 32.5650, 23.3855,
12.6595

 13.8590, 20.7755,

9.7707

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 183.3360, 27.4424,
18.1223

■ 183.3360, 27.4424,
18.1223

■ 165.9590, 36.0092,
23.7150

■ 200.7130, 18.8755,
12.5297

■ 148.5820, 44.5761,
29.3076

■ 218.0900, 10.3086,
6.9371

■ 131.2050, 53.1429,
34.9002

■ 235.4670, 1.7418,
1.3444

■ 114.1270, 61.5624,
41.1076

■ 250.7840, -5.8095,
-3.3186

■ 96.7500, 70.1292,
46.7002

■ 253.1760, -6.9888,
1.5996

■ 79.9600, 78.4067,
51.7781

■ 66.1160, 85.2318,
56.0263

Harmonies

Analogous

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



176.3240, 38.7873, -27.4711



183.3360, 27.4424, 18.1223



183.7780, 10.4624, 51.0607

Triad

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



183.3360, 27.4424, 18.1223



177.5190, -37.2309, 41.6408



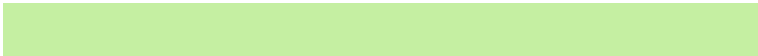
139.5160, 26.8606, -122.3555

Complementary

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



183.3360, 27.4424, 18.1223



217.6640, -27.4424, -18.1223

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.



160.2790, -3.5885, -62.5117



183.3360, 27.4424, 18.1223



174.2180, -37.5755, 12.0868

Square

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



183.3360, 27.4424, 18.1223



179.5120, -26.3814, 61.8180



169.0980, -25.6843, -22.0109



142.0870, 44.3271, -124.6103

Rectangle

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



183.3360, 27.4424, 18.1223



181.8260, -2.3792, 63.2966



169.0980, -25.6843, -22.0109



147.7870, 15.8810, -100.6682

Sweetspot

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



183.3360, 27.4424, 18.1223



236.7370, 9.0037, 5.4927



191.9100, 23.2154, -26.2311



116.5150, 5.6621, 3.9333



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.



183.3360, 27.4424, 18.1223



183.4320, 35.2830, 23.3001



193.4590, 20.9727, 39.9395



111.1620, 4.3571, 2.4889



50.8760, 65.6301, 43.0817



15.6530, 19.8911, 13.4593

Inverse Universe

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



189.0130, 3.9376, 43.8386



190.7310, 5.0626, 56.3639



207.5410, -20.9727, -39.9395



112.1580, 0.4151, 6.8774



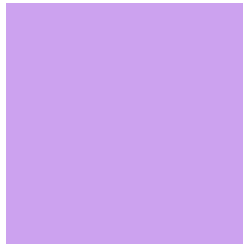
64.4780, 9.1313, 104.8208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 183.3360, 27.4424, 18.1223 looks on a white background.

Color Contrast Check

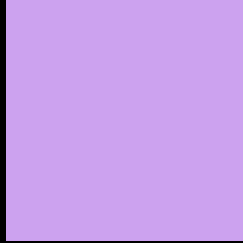
Large Text (above 18pt) WCAG AA × Fail

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 183.3360, 27.4424, 18.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

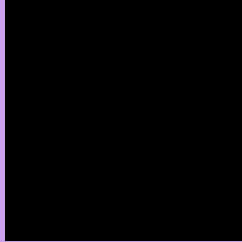
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.3360, 27.4424, 18.1223

Background



This preview shows how black text looks on a background with the YUV color 183.3360, 27.4424, 18.1223.



This preview shows how white text looks on a background with the YUV color 183.3360, 27.4424, 18.1223.

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

183.3360, 27.4424, 18.1223

Protanopia

178.4560, 35.2712, -19.6939

Deuteranopia

179.5510, 27.8294, -12.7612



Tritanopia

180.4730, 2.7248, 12.7402

Trichromacy



Original Color

183.3360, 27.4424, 18.1223

Protanomaly

180.1480, 32.4650, -6.2688

Deuteranomaly

180.9160, 27.6494, -1.6803

Tritanomaly

181.1880, 11.7393, 14.7441

Monochromacy



Original Color

183.3360, 27.4424, 18.1223

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

182.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.3360, 27.4424, 18.1223 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(204, 162, 239)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 239)  
}
```

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(204, 162, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 239) }
```

Border

The CSS property to change the border of an element to YUV 183.3360, 27.4424, 18.1223 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(204, 162, 239) }
```


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

```
.border{ border-color:rgb(204, 162, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 162, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 183.3360, 27.4424, 18.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 239) }
```

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

```
.background{ background-color: rgb(204,  
162, 239) }
```

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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