

# Converting Colors

YUV(178.1340, 13.7379,  
27.0695)

Have a look what the booklet for  
YUV(178.1340, 13.7379, 27.0695)  
contains.

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# Color

**YUV(178.1340, 13.7379,  
27.0695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19DCE
RGB	209, 157, 206
RGB Percent	82%, 62%, 81%
CMY	0.1804, 0.3843, 0.1922
CMYK	0.00, 0.25, 0.01, 0.18
HSL	303°, 36%, 72%
HSV	303°, 25%, 82%
XYZ	49.4920, 42.1255, 63.9150
YIQ	178.1340, 15.2630, 26.2630

# Conversions

## Conversions Part 2

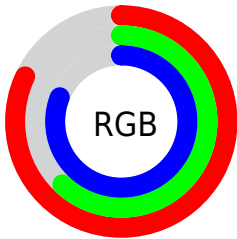
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	209, 157, 206
Decimal	13737422
CIE Lab	70.96, 27.44, -17.53
CIE LCh	71, 32.563, 327.422
Yxy	42.1255, 0.3182, 0.2708
Android (android.graphics.Color)	4291927502 (0xFFD19DCE)
YUV	178.1340, 13.7379, 27.0695
Hunter-Lab	64.9041, 22.5312, -12.9535

# Details

The YUV color **178.1340, 13.7379, 27.0695** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.8660, -13.7379, -27.0695**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **125.0090, 13.3066, 25.4251** is the 20% darker color. If you saturate the color by 10%, you get **165.6930, 19.3784, 37.9802**, and if you desaturate by 10%, it is **190.5750, 8.0975, 16.1587**.

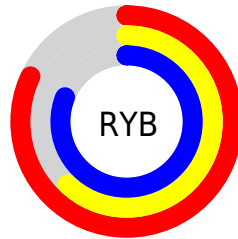
# Distribution



Red (82%)

Green (62%)

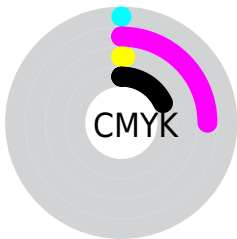
Blue (81%)



Red (82%)

Yellow (62%)

Blue (81%)

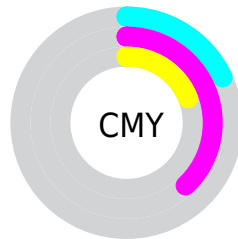


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.1340, 13.7379, 27.0695 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 178.1340, 13.7379, 27.0695 by changing the saturation by 10% instead.



■ 178.1340, 13.7379,  
27.0695

■ 178.1340, 13.7379,  
27.0695

255.0000, 0.0000,  
0.0000

■ 151.3080, 13.1592,  
26.0399

■ 229.7590, 12.4438,  
22.1364

■ 125.0090, 13.3066,  
25.4251

■ 246.7820, 4.0515,  
7.2072

■ 99.2970, 13.1646,  
24.2955

■ 75.4710, 12.5858,  
23.2659

■ 51.7590, 12.4438,  
22.1364

■ 28.4600, 12.5912,  
21.5216

■ 14.2270, 9.2551,

18.2179

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,  
0.0000

■ 178.1340, 13.7379,  
27.0695

■ 178.1340, 13.7379,  
27.0695

■ 165.6930, 19.3784,  
37.9802

■ 190.5750, 8.0975,  
16.1587

■ 153.2520, 25.0188,  
48.8910

■ 203.0160, 2.4571,  
5.2480

■ 140.6970, 30.2224,  
59.9017

■ 215.5710, -2.7465,  
-5.7628

■ 128.2560, 35.8628,  
70.8125

■ 228.0120, -8.3869,  
-16.6735

116.4020, 41.2138,  
81.2084

236.3440,  
-12.0016, -23.9807

103.9610, 46.8542,  
92.1192

236.4580,  
-11.5648, -24.0807

91.5200, 52.4946,  
103.0300

236.5720,  
-11.1280, -24.1806

84.9490, 55.2411,  
108.7927

236.8000,  
-10.2544, -24.3806

236.9140, -9.8176,  
-24.4806

# Harmonies

## Analogous

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



175.8190, 24.7392, -1.5953



178.1340, 13.7379, 27.0695



177.8730, -0.4304, 44.8384

# Triad

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



178.1340, 13.7379, 27.0695



172.2760, -28.7301, 21.6829



155.8690, 21.7566, -71.7991

# Complementary

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



178.1340, 13.7379, 27.0695



187.8660, -13.7379, -27.0695

# 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.



159.9130, 4.9729, -55.1747



178.1340, 13.7379, 27.0695



168.9740, -24.1442, -2.6082

# Square

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



178.1340, 13.7379, 27.0695



174.5370, -24.4217, 39.8711



165.0120, -11.8379, -29.8285



160.3290, 30.8968, -63.4325



# Rectangle

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



178.1340, 13.7379, 27.0695



176.7890, -9.7560, 49.2970



165.0120, -11.8379, -29.8285



156.5120, 16.5096, -68.8550

# Sweetspot

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



178.1340, 13.7379, 27.0695



244.3200, 4.7722, 9.3664



163.8250, 22.2713, -3.3545



121.4290, 2.7465, 5.7628



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.



178.1340, 13.7379, 27.0695



209.9320, 20.2465, 39.5246



175.1700, 2.3812, 29.6689



98.4290, 2.7465, 5.7628



68.3580, 44.6865, 87.3860



16.5910, 10.5546, 21.4067



# Inverse Universe

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



178.1340, 13.7379, 27.0695



209.9320, 20.2465, 39.5246



190.8300, -2.3812, -29.6689



98.4290, 2.7465, 5.7628



68.3580, 44.6865, 87.3860



16.5910, 10.5546, 21.4067



# Previews

## White Background



This preview shows how the YUV color 178.1340, 13.7379, 27.0695 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

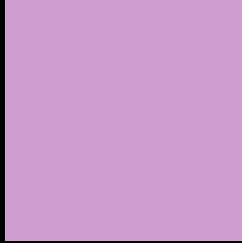
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.1340, 13.7379, 27.0695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

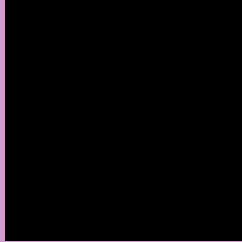
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 178.1340, 13.7379, 27.0695

## Background



This preview shows how black text looks on a background with the YUV color 178.1340, 13.7379, 27.0695.



This preview shows how white text looks on a background with the YUV color 178.1340, 13.7379,



# 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

178.1340, 13.7379, 27.0695

### Protanopia

174.3250, 20.5458, -9.9320

### Deuteranopia

175.9690, 13.8193, 0.9042



## Tritanopia

176.9260, -0.9495, 24.6209

# Trichromacy



## Original Color

178.1340, 13.7379, 27.0695

## Protanomaly

176.0170, 17.7396, 3.4931

## Deuteranomaly

176.7360, 13.9342, 10.7555

## Tritanomaly

177.3050, 4.2866, 25.1655

# Monochromacy



## Original Color

178.1340, 13.7379, 27.0695

## Achromatopsia

178.0000, 0.0000, 0.0000

## Achromatomaly

177.7330, 5.0616, 9.8812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.1340, 13.7379, 27.0695 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(209, 157, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 157, 206)  
}
```

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(209, 157, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 157, 206) }
```

## Border

The CSS property to change the border of an element to YUV 178.1340, 13.7379, 27.0695 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(209, 157, 206) }
```



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

```
.border{ border-color:rgb(209, 157, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 157, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 157, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 157, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 157,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 178.1340, 13.7379, 27.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 157, 206) }
```

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

```
.background{ background-color: rgb(209,  
157, 206) }
```

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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