

Converting Colors

YUV(167.8380, 22.7579,
27.3291)

Have a look what the booklet for
YUV(167.8380, 22.7579, 27.3291)
contains.

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Color

**YUV(167.8380, 22.7579,
27.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	C78FD6
RGB	199, 143, 214
RGB Percent	78%, 56%, 84%
CMY	0.2196, 0.4392, 0.1608
CMYK	0.07, 0.33, 0.00, 0.16
HSL	287°, 46%, 70%
HSV	287°, 33%, 84%
XYZ	45.5132, 36.6421, 68.2921
YIQ	167.8380, 10.5850, 33.9530

Conversions

Conversions Part 2

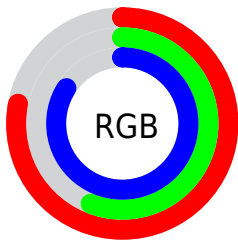
Format	Color
R_{YB}	199, 143, 214
Decimal	13078486
CIE _{Lab}	67.01, 33.38, -28.08
CIE _{LCh}	67, 43.623, 319.929
Yxy	36.6421, 0.3025, 0.2436
Android (android.graphics.Color)	4291268566 (0xFFC78FD6)
YUV	167.8380, 22.7579, 27.3291
Hunter-Lab	60.5327, 28.2781, -24.5173

Details

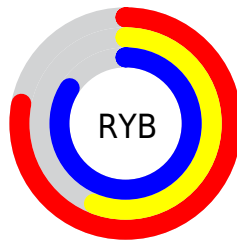
The YUV color **167.8380, 22.7579, 27.3291** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189.1620, -22.7579, -27.3291**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **115.1860, 21.6003, 25.2699** is the 20% darker color. If you saturate the color by 10%, you get **154.0160, 29.5721, 35.0660**, and if you desaturate by 10%, it is **181.6600, 15.9436, 19.5922**.

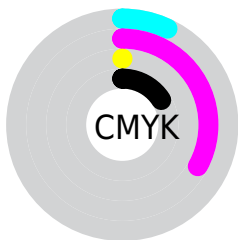
Distribution



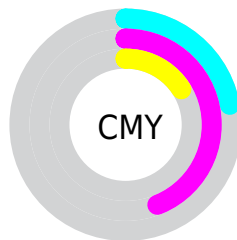
- Red (78%)
- Green (56%)
- Blue (84%)



- Red (78%)
- Yellow (56%)
- Blue (84%)



- Cyan (7%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)





- Cyan (22%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.8380, 22.7579, 27.3291 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 167.8380, 22.7579, 27.3291 by changing the saturation by 10% instead.


 167.8380, 22.7579,
27.3291


 167.8380, 22.7579,
27.3291


255.0000, 0.0000,
0.0000


 141.0120, 22.1791,
26.2995


 220.9540, 16.7847,
29.8583


 115.1860, 21.6003,
25.2699

 237.9770, 8.3923,
14.9292

 89.7730, 21.3109,
24.7551

 64.9470, 20.7321,
23.7255

 41.2350, 20.5901,
22.5959

 19.5830, 19.4326,
20.5367

 10.4970, 13.0660,

9.2111

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 167.8380, 22.7579,
27.3291

■ 167.8380, 22.7579,
27.3291

■ 154.0160, 29.5721,
35.0660

■ 181.6600, 15.9436,
19.5922

■ 139.9060, 36.5283,
43.9324

■ 195.7700, 8.9874,
10.7257

■ 126.0840, 43.3426,
51.6693

■ 209.5920, 2.1731,
2.9888

■ 111.9740, 50.2988,
60.5358

■ 223.7020, -4.7831,
-5.8777

98.1520, 57.1131,
68.2727

237.5240,
-11.5973, -13.6145

84.6290, 63.7799,
76.6244

241.6550,
-13.6339, -13.7294

74.9270, 68.5630,
82.5020

243.1500,
-14.3710, -10.6556

244.3460,
-14.9606, -8.1964

245.8410,
-15.6976, -5.1226

Harmonies

Analogous

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



163.4180, 36.2759, -15.2756



167.8380, 22.7579, 27.3291



166.5460, 5.6468, 55.6492

Triad

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



167.8380, 22.7579, 27.3291



160.7630, -37.3512, 33.5338



128.9670, 29.5963, -113.1041

Complementary

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



167.8380, 22.7579, 27.3291



189.1620, -22.7579, -27.3291

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.



140.4390, 3.7276, -75.8070



167.8380, 22.7579, 27.3291



157.2600, -34.6382, 3.2800

Square

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



167.8380, 22.7579, 27.3291



162.7840, -28.9805, 55.4404



151.8240, -20.1262, -31.4176



130.9680, 44.8788, -114.8589

Rectangle

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



167.8380, 22.7579, 27.3291



165.2730, -7.0366, 63.7816



151.8240, -20.1262, -31.4176



127.9580, 23.1917, -112.2192

Sweetspot

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



167.8380, 22.7579, 27.3291



238.8300, 7.9718, 9.7961



159.8990, 26.6718, -14.8204



117.4120, 5.2199, 5.7777



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.



167.8380, 22.7579, 27.3291



188.5480, 32.7608, 38.9844



170.0430, 11.8108, 38.5503



99.9450, 3.4781, 4.4332



59.8590, 54.7925, 65.8987



15.0680, 13.7705, 16.6034

Inverse Universe

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



165.9390, -3.9139, 42.1495



186.0060, -5.4260, 60.5077



186.9570, -11.8108, -38.5503



99.6310, -0.3111, 6.4626



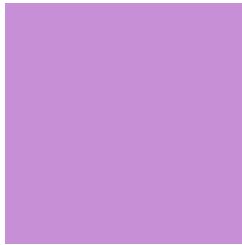
55.2330, -9.4819, 101.5277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 167.8380, 22.7579, 27.3291 looks on a white background.

Color Contrast Check

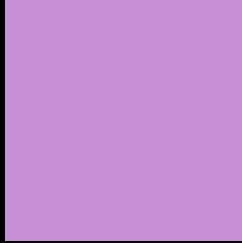
Large Text (above 18pt) WCAG AA × Fail

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 167.8380, 22.7579, 27.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

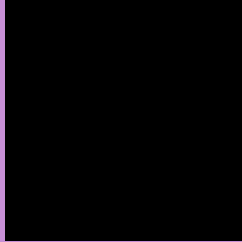
Any Text WCAG AA ✓ Pass

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 167.8380, 22.7579, 27.3291 Background



This preview shows how black text looks on a background with the YUV color 167.8380, 22.7579, 27.3291.



This preview shows how white text looks on a background with the YUV color 167.8380, 22.7579, 27.3291.

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

167.8380, 22.7579, 27.3291

Protanopia

163.2560, 31.9188, -17.7645

Deuteranopia

164.0200, 23.1611, -8.7875



Tritanopia

166.0290, -0.5073, 22.7766

Trichromacy



Original Color

167.8380, 22.7579, 27.3291



Protanomaly

164.5570, 28.8124, -1.3655



Deuteranomaly

165.3960, 22.9758, 4.0377



Tritanomaly

166.6300, 8.0704, 24.8805

Monochromacy



Original Color

167.8380, 22.7579, 27.3291



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.9440, 8.4086, 9.6961

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8380, 22.7579, 27.3291 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(199, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 214)  
}
```

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(199, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 214) }
```

Border

The CSS property to change the border of an element to YUV 167.8380, 22.7579, 27.3291 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(199, 143, 214) }
```


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

```
.border{ border-color:rgb(199, 143, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 167.8380, 22.7579, 27.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 143, 214) }
```

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

```
.background{ background-color: rgb(199,  
143, 214) }
```

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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