

Converting Colors

YUV(166.3820, 21.0107,
27.7290)

Have a look what the booklet for
YUV(166.3820, 21.0107, 27.7290)
contains.

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Color

**YUV(166.3820, 21.0107,
27.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	C68ED1
RGB	198, 142, 209
RGB Percent	78%, 56%, 82%
CMY	0.2235, 0.4431, 0.1804
CMYK	0.05, 0.32, 0.00, 0.18
HSL	290°, 42%, 69%
HSV	290°, 32%, 82%
XYZ	44.4703, 35.9552, 64.9178
YIQ	166.3820, 11.8690, 32.7090

Conversions

Conversions Part 2

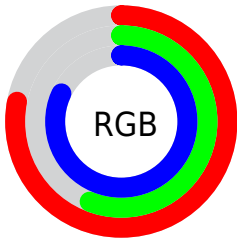
Format	Color
R _Y B	198, 142, 209
Decimal	13012689
CIE Lab	66.49, 32.62, -26.11
CIE LCh	66, 41.786, 321.321
Yxy	35.9552, 0.3060, 0.2474
Android (android.graphics.Color)	4291202769 (0xFFC68ED1)
YUV	166.3820, 21.0107, 27.7290
Hunter-Lab	59.9627, 27.4469, -22.2157

Details

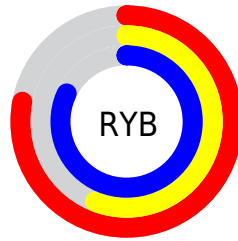
The YUV color **166.3820, 21.0107, 27.7290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.6180, -21.0107, -27.7290**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **113.7300, 19.8531, 25.6698** is the 20% darker color. If you saturate the color by 10%, you get **153.1580, 27.5301, 36.6954**, and if you desaturate by 10%, it is **179.6060, 14.4912, 18.7625**.

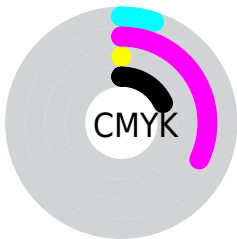
Distribution



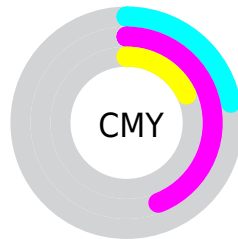
- Red (78%)
- Green (56%)
- Blue (82%)



- Red (78%)
- Yellow (56%)
- Blue (82%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)





- Cyan (22%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.3820, 21.0107, 27.7290 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 166.3820, 21.0107, 27.7290 by changing the saturation by 10% instead.


 166.3820, 21.0107,
27.7290

 166.3820, 21.0107,
27.7290


255.0000, 0.0000,
0.0000


 139.5560, 20.4319,
26.6994


 220.3670, 17.0741,
30.3731


 113.7300, 19.8531,
25.6698


 237.3900, 8.6817,
15.4440

 88.3170, 19.5637,
25.1550

 253.8260, 0.5788,
1.0296

 64.1920, 19.1323,
23.5106

 40.1920, 19.1323,
23.5106

 19.1270, 17.6854,
20.9366

 9.5570, 12.0504,

8.2815

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 166.3820, 21.0107,
27.7290

■ 166.3820, 21.0107,
27.7290

■ 153.1580, 27.5301,
36.6954

■ 179.6060, 14.4912,
18.7625

■ 139.6350, 34.1969,
45.0471

■ 193.1290, 7.8244,
10.4109

■ 126.4110, 40.7164,
54.0136

■ 206.3530, 1.3050,
1.4444

■ 112.8880, 47.3832,
62.3652

■ 219.8760, -5.3619,
-6.9073

■ 99.6640, 53.9026,
71.3317

■ 233.1000,
-11.8813, -15.8737

■ 86.7280, 60.2801,
79.1685

■ 238.9920,
-14.7861, -17.5330

■ 76.1510, 65.4946,
86.6906

■ 239.8890,
-15.2283, -15.6887

■ 240.7860,
-15.6705, -13.8443

■ 241.9820,
-16.2601, -11.3852

Harmonies

Analogous

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



162.5710, 34.2285, -11.9018



166.3820, 21.0107, 27.7290



165.1930, 4.3419, 54.2047

Triad

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



166.3820, 21.0107, 27.7290



159.7950, -35.8879, 30.8748



127.6790, 29.7383, -111.9745

Complementary

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



166.3820, 21.0107, 27.7290



184.6180, -21.0107, -27.7290

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.



140.2760, 4.3009, -73.0331



166.3820, 21.0107, 27.7290



156.1180, -32.5962, 1.6505

Square

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



166.3820, 21.0107, 27.7290



161.5880, -28.3909, 52.9813



150.5790, -18.5264, -31.2028



128.8650, 44.4366, -113.0146

Rectangle

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



166.3820, 21.0107, 27.7290



163.8490, -7.3206, 61.5224



150.5790, -18.5264, -31.2028



126.1970, 24.0599, -110.6748

Sweetspot

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



166.3820, 21.0107, 27.7290



239.1290, 7.8244, 10.4109



156.0950, 26.0822, -12.3613



117.7110, 5.0725, 6.3925



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.



166.3820, 21.0107, 27.7290



193.2770, 30.4294, 40.0991



167.1630, 9.7796, 36.6910



97.9450, 3.4781, 4.4332



61.3110, 52.5977, 69.8873



14.8400, 12.8969, 16.8033

Inverse Universe

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



163.2870, -5.0715, 40.0903



188.8270, -7.3097, 58.0337



183.8370, -9.7796, -36.6910



97.5170, -0.7479, 6.5626



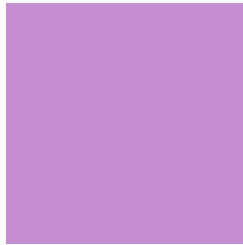
53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 166.3820, 21.0107, 27.7290 looks on a white background.

Color Contrast Check

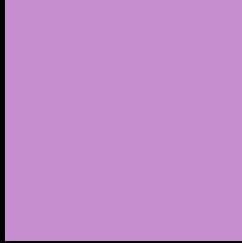
Large Text (above 18pt) WCAG AA × Fail

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 166.3820, 21.0107, 27.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

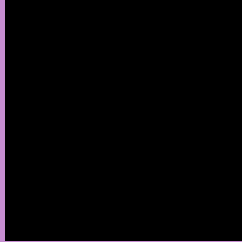
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3820, 21.0107, 27.7290

Background



This preview shows how black text looks on a background with the YUV color 166.3820, 21.0107, 27.7290.



This preview shows how white text looks on a background with the YUV color 166.3820, 21.0107,

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

166.3820, 21.0107, 27.7290

Protanopia

162.2840, 29.4400, -16.0351

Deuteranopia

163.1620, 21.1191, -7.1581



Tritanopia

164.3280, -0.6547, 23.3913

Trichromacy



Original Color

166.3820, 21.0107, 27.7290



Protanomaly

163.5850, 26.3336, 0.3640



Deuteranomaly

164.5380, 20.9338, 5.6672



Tritanomaly

165.4020, 7.1968, 25.0804

Monochromacy



Original Color

166.3820, 21.0107, 27.7290



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3820, 21.0107, 27.7290 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(198, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 142, 209)  
}
```

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(198, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 142, 209) }
```

Border

The CSS property to change the border of an element to YUV 166.3820, 21.0107, 27.7290 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(198, 142, 209) }
```


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

```
.border{ border-color:rgb(198, 142, 209) }
```

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

Here you see how a box with a 4 pixel rgb(198, 142, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 142,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 166.3820, 21.0107, 27.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 142, 209) }
```

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

```
.background{ background-color: rgb(198,  
142, 209) }
```

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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