

Converting Colors

YUV(159.0130, 17.2486,
21.0366)

Have a look what the booklet for
YUV(159.0130, 17.2486, 21.0366)
contains.

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Color

**YUV(159.0130, 17.2486,
21.0366)**

Conversions

Conversions Part 1	
Format	Color
Hex	B78CC2
RGB	183, 140, 194
RGB Percent	72%, 55%, 76%
CMY	0.2824, 0.4510, 0.2392
CMYK	0.06, 0.28, 0.00, 0.24
HSL	288°, 31%, 65%
HSV	288°, 28%, 76%
XYZ	38.6441, 32.7185, 55.3175
YIQ	159.0130, 8.2940, 25.9100

Conversions

Conversions Part 2

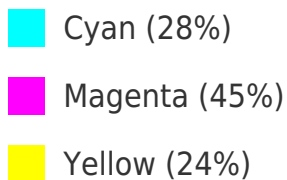
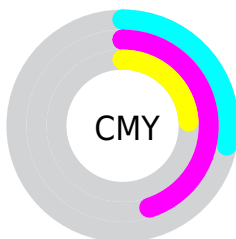
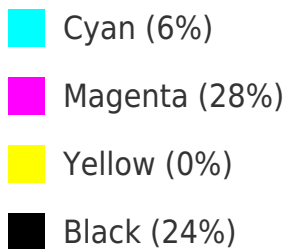
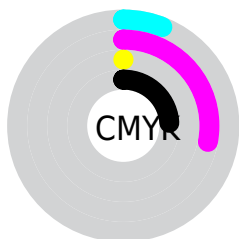
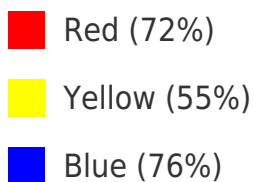
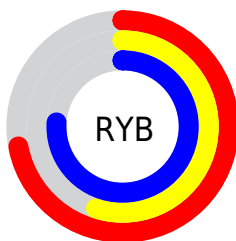
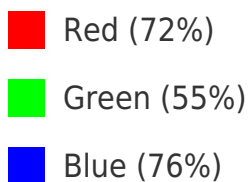
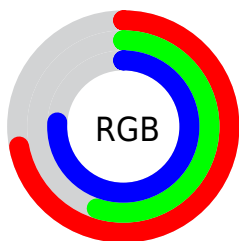
Format	Color
RYB	183, 140, 194
Decimal	12029122
CIELab	63.93, 25.88, -21.77
CIELCh	64, 33.817, 319.922
Yxy	32.7185, 0.3051, 0.2583
Android (android.graphics.Color)	4290219202 (0xFFB78CC2)
YUV	159.0130, 17.2486, 21.0366
Hunter-Lab	57.2001, 20.4937, -17.2986

Details

The YUV color **159.0130, 17.2486, 21.0366** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.9870, -17.2486, -21.0366**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9530, 18.2642, 21.9662**, and **106.7740, 16.3804, 19.4922** is the 20% darker color. If you saturate the color by 10%, you get **146.6640, 23.3366, 28.3587**, and if you desaturate by 10%, it is **171.3620, 11.1605, 13.7145**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 159.0130, 17.2486, 21.0366 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 159.0130, 17.2486, 21.0366 by changing the saturation by 10% instead.

 159.0130, 17.2486,
21.0366


 159.0130, 17.2486,
21.0366


255.0000, 0.0000,
0.0000


 132.6000, 16.9592,
20.5218


 213.9530, 18.2642,
21.9662


 106.7740, 16.3804,
19.4922


 235.6290, 9.5499,
16.9884

 82.3610, 16.0910,
18.9774

 252.6520, 1.1576,
2.0592

 58.5350, 15.5122,
17.9478

 35.7090, 14.9335,
16.9182

 15.1820, 14.2073,
16.5034

 3.2090, 9.7570,

-2.8143

0.0000, 0.0000,
0.0000

159.0130, 17.2486,
21.0366

159.0130, 17.2486,
21.0366

146.6640, 23.3366,
28.3587

171.3620, 11.1605,
13.7145

133.7280, 29.7141,
36.1955

184.2980, 4.7831,
5.8777

121.3790, 35.8022,
43.5176

196.6470, -1.3050,
-1.4444

108.4430, 42.1796,
51.3545

209.5830, -7.6824,
-9.2813

96.0940, 48.2677,
58.6766

221.9320,
-13.7705, -16.6034

■ 83.7450, 54.3557,
65.9986

■ 233.6940,
-19.5691, -23.4106

■ 70.8090, 60.7332,
73.8355

■ 234.8900,
-20.1588, -20.9515

■ 68.1620, 62.0381,
75.2799

■ 236.0860,
-20.7484, -18.4924

■ 237.2820,
-21.3380, -16.0333

Harmonies

Analogous

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



155.7470, 27.2397, -10.3021



159.0130, 17.2486, 21.0366



158.8880, 3.5062, 42.1942

Triad

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



159.0130, 17.2486, 21.0366



154.0100, -28.5989, 26.3012



133.3690, 20.0311, -78.3766

Complementary

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



159.0130, 17.2486, 21.0366



174.9870, -17.2486, -21.0366

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.



140.6100, 1.1783, -51.4010



159.0130, 17.2486, 21.0366



150.7360, -26.4918, 3.7395

Square

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



159.0130, 17.2486, 21.0366



155.4280, -22.3960, 43.4746



147.0190, -15.7854, -23.6957



135.4690, 31.8138, -77.5873

Rectangle

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



159.0130, 17.2486, 21.0366



158.1140, -5.9722, 49.0120



147.0190, -15.7854, -23.6957



135.5180, 14.0416, -70.6143

Sweetspot

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



159.0130, 17.2486, 21.0366



239.0640, 6.3774, 7.8369



153.2000, 20.1144, -11.5764



119.4720, 4.2043, 4.8481



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.



159.0130, 17.2486, 21.0366



198.1960, 26.5254, 32.2771



160.5920, 9.0751, 29.2988



90.5320, 3.1887, 3.9184



56.6260, 51.4564, 62.5950



11.5360, 10.5818, 12.6849

Inverse Universe

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



157.4000, -3.1552, 32.0982



195.7550, -4.8092, 49.3269



173.4080, -9.0751, -29.2988



90.2180, -0.6005, 5.9478



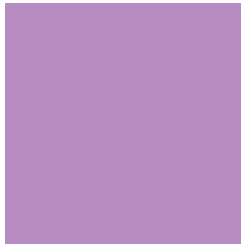
51.9010, -9.3182, 95.6798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 159.0130, 17.2486, 21.0366 looks on a white background.

Color Contrast Check

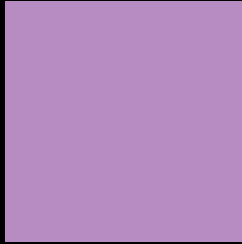
Large Text (above 18pt) WCAG AA × Fail

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 159.0130, 17.2486, 21.0366 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 159.0130, 17.2486, 21.0366

Background



This preview shows how black text looks on a background with the YUV color 159.0130, 17.2486, 21.0366.



This preview shows how white text looks on a background with the YUV color 159.0130, 17.2486,

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

159.0130, 17.2486, 21.0366

Protanopia

155.5250, 23.8982, -11.8614

Deuteranopia

156.5600, 17.4719, -3.9991




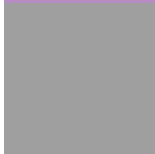
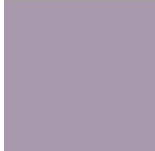
Tritanopia

157.5230, 0.2352, 17.9583

Trichromacy

	Original Color 159.0130, 17.2486, 21.0366
	Protanomaly 156.6190, 21.3868, 0.3341
	Deuteranomaly 157.6150, 17.4448, 4.7226
	Tritanomaly 157.8420, 6.4869, 19.4326

Monochromacy

	Original Color 159.0130, 17.2486, 21.0366
	Achromatopsia 159.0000, 0.0000, 0.0000
	Achromatomaly 159.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0130, 17.2486, 21.0366 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(183, 140, 194)` looks like.

```
.text, #text, p{  
    color:rgb(183, 140, 194)  
}
```

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(183, 140, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 140, 194) }
```

Border

The CSS property to change the border of an element to YUV 159.0130, 17.2486, 21.0366 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(183, 140, 194) }
```


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

```
.border{ border-color:rgb(183, 140, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 140, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 140, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 140, 194);  
box-shadow:4px 4px 4px 4px rgb(183, 140,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 159.0130, 17.2486, 21.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 140, 194) }
```

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

```
.background{ background-color: rgb(183,  
140, 194) }
```

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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