

Converting Colors

YUV(158.0720, 28.0655,
51.6799)

Have a look what the booklet for
YUV(158.0720, 28.0655, 51.6799)
contains.

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Color

**YUV(158.0720, 28.0655,
51.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	D975D7
RGB	217, 117, 215
RGB Percent	85%, 46%, 84%
CMY	0.1490, 0.5412, 0.1569
CMYK	0.00, 0.46, 0.01, 0.15
HSL	301°, 57%, 65%
HSV	301°, 46%, 85%
XYZ	47.2423, 32.3806, 68.0501
YIQ	158.0720, 28.1420, 51.6780

Conversions

Conversions Part 2

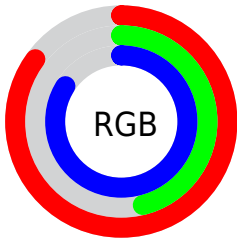
Format	Color
R _Y B	217, 117, 215
Decimal	14251479
CIE Lab	63.66, 52.72, -33.66
CIE LCh	64, 62.548, 327.445
Yxy	32.3806, 0.3199, 0.2193
Android (android.graphics.Color)	4292441559 (0xFFD975D7)
YUV	158.0720, 28.0655, 51.6799
Hunter-Lab	56.9039, 48.6108, -31.0708

Details

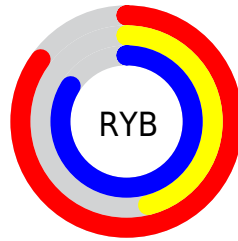
The YUV color **158.0720, 28.0655, 51.6799** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.9280, -28.0655, -51.6799**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **103.0610, 28.0709, 49.9355** is the 20% darker color. If you saturate the color by 10%, you get **145.1580, 34.4321, 63.0054**, and if you desaturate by 10%, it is **170.9860, 21.6989, 40.3543**.

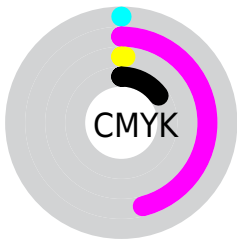
Distribution



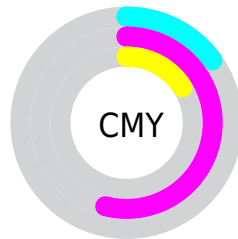
- Red (85%)
- Green (46%)
- Blue (84%)



- Red (85%)
- Yellow (46%)
- Blue (84%)



- Cyan (0%)
- Magenta (46%)
- Yellow (1%)
- Black (15%)





- Cyan (15%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.0720, 28.0655, 51.6799 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 158.0720, 28.0655, 51.6799 by changing the saturation by 10% instead.


 158.0720, 28.0655,
51.6799


 158.0720, 28.0655,
51.6799


255.0000, 0.0000,
0.0000

 130.3600, 27.9235,
50.5503


 206.2790, 24.0195,
42.7283


 103.0610, 28.0709,
49.9355


 222.7150, 15.9165,
28.3139

 75.1750, 28.5077,
49.8355

 239.7380, 7.5242,
13.3848

 43.7070, 31.6964,
53.7540

 33.0830, 24.6091,
40.2692

 22.9860, 18.2479,
27.1993

 12.5900, 12.0341,

13.5146

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 158.0720, 28.0655,
51.6799

■ 158.0720, 28.0655,
51.6799

■ 145.1580, 34.4321,
63.0054

■ 170.9860, 21.6989,
40.3543

■ 132.7170, 40.0725,
73.9162

■ 183.4270, 16.0585,
29.4435

■ 119.8030, 46.4391,
85.2418

■ 196.3410, 9.6919,
18.1179

■ 106.7750, 52.3689,
96.6673

■ 209.3690, 3.7621,
6.6924

94.4480, 58.4461,
107.4781

222.2830, -2.6045,
-4.6332

89.1650, 61.0507,
112.1113

234.7240, -8.2449,
-15.5439

239.4200,
-10.5601, -19.6623

239.5340,
-10.1233, -19.7623

Harmonies

Analogous

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



155.3770, 48.6211, -8.2236



158.0720, 28.0655, 51.6799



152.6900, 4.0968, 86.2179

Triad

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



158.0720, 28.0655, 51.6799



147.1550, -58.7434, 34.9441



128.9160, 37.0164, -113.0593

Complementary

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



158.0720, 28.0655, 51.6799



175.9280, -28.0655, -51.6799

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.



122.4180, 12.1189, -107.3606



158.0720, 28.0655, 51.6799



142.0400, -47.8407, -8.8051

Square

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



158.0720, 28.0655, 51.6799



150.3330, -45.0272, 68.9910



128.6360, -18.5545, -68.9638



130.8830, 57.2457, -114.7844

Rectangle

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



158.0720, 28.0655, 51.6799



150.8420, -13.2331, 91.3466



128.6360, -18.5545, -68.9638



127.4510, 28.8647, -111.7745

Sweetspot

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



158.0720, 28.0655, 51.6799



233.7540, 9.9813, 18.6327



128.9980, 43.3850, -8.7682



114.9720, 5.9298, 11.4256



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.



158.0720, 28.0655, 51.6799



172.4780, 39.2043, 72.3718



152.3720, 6.2256, 56.6788



103.4290, 2.7465, 5.7628



71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Inverse Universe

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



158.0720, 28.0655, 51.6799



172.4780, 39.2043, 72.3718



181.6280, -6.2256, -56.6788



103.4290, 2.7465, 5.7628



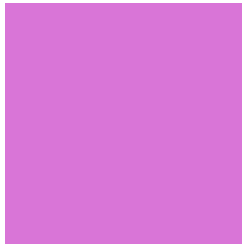
71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 158.0720, 28.0655, 51.6799 looks on a white background.

Color Contrast Check

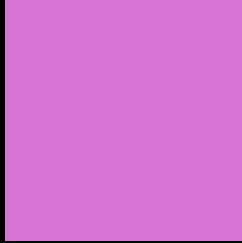
Large Text (above 18pt) WCAG AA × Fail

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 158.0720, 28.0655, 51.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

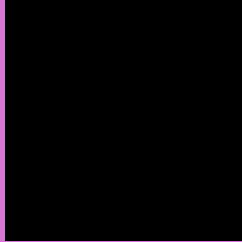
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0720, 28.0655, 51.6799

Background



This preview shows how black text looks on a background with the YUV color 158.0720, 28.0655, 51.6799.



This preview shows how white text looks on a background with the YUV color 158.0720, 28.0655, 51.6799.

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

158.0720, 28.0655, 51.6799

Protanopia

152.8060, 44.4656, -28.7709

Deuteranopia

154.6110, 26.8138, -13.6908



Tritanopia

156.5650, -6.6875, 45.1085

Trichromacy



Original Color

158.0720, 28.0655, 51.6799



Protanomaly

154.5000, 38.7005, 0.4385



Deuteranomaly

155.5800, 27.3221, 10.0153



Tritanomaly

156.9040, 5.9633, 47.4422

Monochromacy



Original Color

158.0720, 28.0655, 51.6799



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0720, 28.0655, 51.6799 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(217, 117, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 117, 215)  
}
```

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(217, 117, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 117, 215) }
```

Border

The CSS property to change the border of an element to YUV 158.0720, 28.0655, 51.6799 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(217, 117, 215) }
```


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

```
.border{ border-color:rgb(217, 117, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 117, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 117, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 117, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 117,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 158.0720, 28.0655, 51.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 117, 215) }
```

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

```
.background{ background-color: rgb(217,  
117, 215) }
```

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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