

Converting Colors

YUV(178.4070, 9.6593, 28.5841)

Have a look what the booklet for
YUV(178.4070, 9.6593, 28.5841)
contains.

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Color

**YUV(178.4070, 9.6593,
28.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	D39EC6
RGB	211, 158, 198
RGB Percent	83%, 62%, 78%
CMY	0.1725, 0.3804, 0.2235
CMYK	0.00, 0.25, 0.06, 0.17
HSL	315°, 38%, 72%
HSV	315°, 25%, 83%
XYZ	49.2839, 42.3798, 59.0087
YIQ	178.4070, 18.7480, 23.6760

Conversions

Conversions Part 2

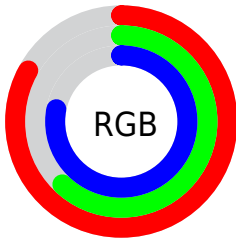
Format	Color
R _Y B	211, 158, 198
Decimal	13868742
CIE Lab	71.13, 26.12, -12.83
CIE LCh	71, 29.104, 333.837
Yxy	42.3798, 0.3271, 0.2813
Android (android.graphics.Color)	4292058822 (0xFFD39EC6)
YUV	178.4070, 9.6593, 28.5841
Hunter-Lab	65.0998, 21.2090, -8.1726

Details

The YUV color **178.4070, 9.6593, 28.5841** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.5930, -9.6593, -28.5841**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **125.2820, 9.2280, 26.9397** is the 20% darker color. If you saturate the color by 10%, you get **165.5100, 13.5526, 39.8947**, and if you desaturate by 10%, it is **191.3040, 5.7661, 17.2734**.

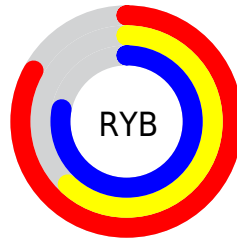
Distribution



Red (83%)

Green (62%)

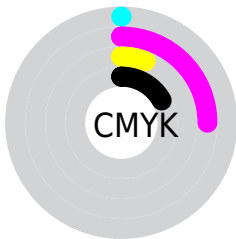
Blue (78%)



Red (83%)

Yellow (62%)

Blue (78%)

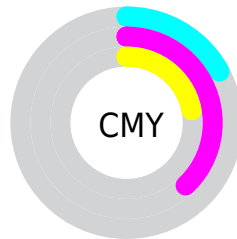


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (17%)



Cyan (17%)


Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4070, 9.6593, 28.5841 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 178.4070, 9.6593, 28.5841 by changing the saturation by 10% instead.


 178.4070, 9.6593,
28.5841

 178.4070, 9.6593,
28.5841

255.0000, 0.0000,
0.0000

 151.6950, 9.5174,
27.4545

 230.3460, 12.1544,
21.6216


 125.2820, 9.2280,
26.9397

 247.3690, 3.7621,
6.6924

 99.5700, 9.0860,
25.8101

 75.8580, 8.9440,
24.6805

 52.1460, 8.8020,
23.5510

 28.9610, 9.3862,
22.8362

 13.8420, 6.4869,

19.4326

■ 0.0000, 0.0000,
0.0000

■ 178.4070, 9.6593,
28.5841

■ 178.4070, 9.6593,
28.5841

■ 165.5100, 13.5526,
39.8947

■ 191.3040, 5.7661,
17.2734

■ 152.6130, 17.4458,
51.2054

■ 204.2010, 1.8729,
5.9627

■ 139.6020, 20.9022,
62.6160

■ 217.2120, -1.5835,
-5.4479

■ 126.7050, 24.7954,
73.9267

■ 230.1090, -5.4767,
-16.7586

■ 113.8080, 28.6887,
85.2374

■ 238.3100, -7.0548,
-23.9509

■ 100.3240, 32.8713,
97.0629

■ 238.8800, -4.8708,
-24.4508

■ 87.4270, 36.7645,
108.3735

■ 239.4500, -2.6868,
-24.9506

■ 81.2150, 38.3480,
113.8214

■ 240.0200, -0.5029,
-25.4505

■ 240.7040, 2.1179,
-26.0504

Harmonies

Analogous

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



176.7120, 20.3550, 4.6376



178.4070, 9.6593, 28.5841



177.5800, -2.7509, 42.4643

Triad

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



178.4070, 9.6593, 28.5841



172.7420, -25.5088, 15.1353



160.7070, 20.8504, -61.1330

Complementary

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



178.4070, 9.6593, 28.5841



190.5930, -9.6593, -28.5841

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.



161.9180, 7.4354, -51.6711



178.4070, 9.6593, 28.5841



169.0920, -19.7654, -7.0967

Square

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



178.4070, 9.6593, 28.5841



175.0200, -23.6739, 33.3085



165.7390, -7.7593, -31.3431



165.2060, 27.5064, -49.2927

Rectangle

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



178.4070, 9.6593, 28.5841



177.0010, -11.3395, 43.8491



165.7390, -7.7593, -31.3431



160.6810, 16.9193, -60.2332

Sweetspot

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



178.4070, 9.6593, 28.5841



242.6900, 3.6038, 10.7959



167.6300, 21.3814, 2.0785



119.9130, 2.0149, 7.0923



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.



178.4070, 9.6593, 28.5841



208.2220, 13.6946, 41.0243



175.4430, -1.6974, 31.1835



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Inverse Universe

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



178.4070, 9.6593, 28.5841



208.2220, 13.6946, 41.0243



193.5570, 1.6974, -31.1835



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 178.4070, 9.6593, 28.5841 looks on a white background.

Color Contrast Check

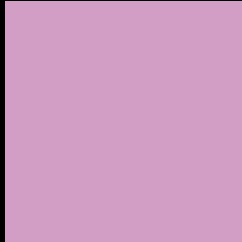
Large Text (above 18pt) WCAG AA × Fail

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 178.4070, 9.6593, 28.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

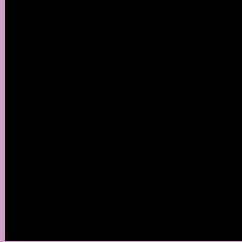
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4070, 9.6593, 28.5841

Background



This preview shows how black text looks on a background with the YUV color 178.4070, 9.6593, 28.5841.



This preview shows how white text looks on a background with the YUV color 178.4070, 9.6593,

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

178.4070, 9.6593, 28.5841

Protanopia

175.1960, 16.1724, -7.1879

Deuteranopia

176.2530, 9.7353, 4.1631



Tritanopia

177.2360, -1.1023, 26.9800

Trichromacy



Original Color

178.4070, 9.6593, 28.5841

Protanomaly

176.5890, 13.5136, 5.6224

Deuteranomaly

177.3080, 9.7082, 12.8849

Tritanomaly

177.8600, 2.5340, 27.3098

Monochromacy



Original Color

178.4070, 9.6593, 28.5841

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2770, 3.3144, 10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4070, 9.6593, 28.5841 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(211, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 198)  
}
```

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(211, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 198) }
```

Border

The CSS property to change the border of an element to YUV 178.4070, 9.6593, 28.5841 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(211, 158, 198) }
```


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

```
.border{ border-color:rgb(211, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 178.4070, 9.6593, 28.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 198) }
```

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

```
.background{ background-color: rgb(211,  
158, 198) }
```

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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