

Converting Colors

YUV(159.2050, 16.1679,
41.0392)

Have a look what the booklet for
YUV(159.2050, 16.1679, 41.0392)
contains.

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Color

**YUV(159.2050, 16.1679,
41.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	CE81C0
RGB	206, 129, 192
RGB Percent	81%, 51%, 75%
CMY	0.1922, 0.4941, 0.2471
CMYK	0.00, 0.37, 0.07, 0.19
HSL	311°, 44%, 66%
HSV	311°, 37%, 81%
XYZ	42.8183, 32.6281, 53.9103
YIQ	159.2050, 25.6690, 35.9170

Conversions

Conversions Part 2

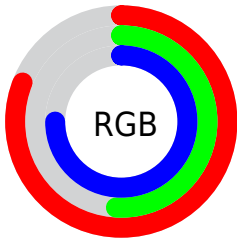
Format	Color
R _Y B	206, 129, 192
Decimal	13533632
CIE _{Lab}	63.86, 39.08, -20.53
CIE _{LCh}	64, 44.144, 332.278
Yxy	32.6281, 0.3310, 0.2522
Android (android.graphics.Color)	4291723712 (0xFFCE81C0)
YUV	159.2050, 16.1679, 41.0392
Hunter-Lab	57.1210, 33.8430, -15.9726

Details

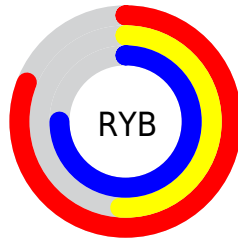
The YUV color **159.2050, 16.1679, 41.0392** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.7950, -16.1679, -41.0392**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0520, 18.2154, 37.6654**, and **106.3680, 15.5946, 38.2653** is the 20% darker color. If you saturate the color by 10%, you get **146.4220, 20.4980, 52.2499**, and if you desaturate by 10%, it is **171.9880, 11.8379, 29.8285**.

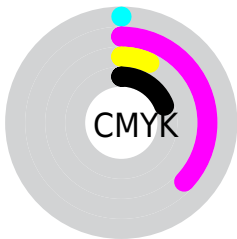
Distribution



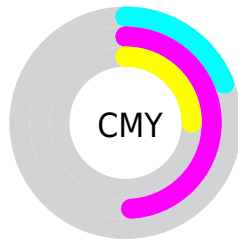
- Red (81%)
- Green (51%)
- Blue (75%)



- Red (81%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.2050, 16.1679, 41.0392 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 159.2050, 16.1679, 41.0392 by changing the saturation by 10% instead.


 159.2050, 16.1679,
41.0392


 159.2050, 16.1679,
41.0392


255.0000, 0.0000,
0.0000


 132.4930, 16.0260,
39.9096


 212.0520, 18.2154,
37.6654


 106.3680, 15.5946,
38.2653


 229.1720, 12.7332,
22.6512

 80.7700, 15.8894,
37.0357

 246.1950, 4.3409,
7.7220

 54.8840, 16.3262,
36.9357

 28.9380, 17.7786,
37.7654

 19.1400, 11.2700,
25.3102

 8.0750, 6.3720,

9.5812

■ 0.0000, 0.0000,
0.0000

■ 159.2050, 16.1679,
41.0392

■ 159.2050, 16.1679,
41.0392

■ 146.4220, 20.4980,
52.2499

■ 171.9880, 11.8379,
29.8285

■ 134.3400, 24.9754,
62.8458

■ 184.0700, 7.3605,
19.2326

■ 121.5570, 29.3054,
74.0565

■ 196.8530, 3.0305,
8.0219

■ 109.3610, 33.3460,
84.7524

■ 209.0490, -1.0102,
-2.6740

■ 96.5780, 37.6760,
95.9631

■ 221.8320, -5.3402,
-13.8847

■ 83.9090, 42.4429,
107.0738

■ 234.5010,
-10.1070, -24.9954

■ 80.8600, 43.4530,
109.7478

■ 236.1310, -8.9386,
-26.4249

■ 236.5870, -7.1914,
-26.8248

■ 237.0430, -5.4442,
-27.2247

Harmonies

Analogous

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



157.5730, 31.2695, 3.8825



159.2050, 16.1679, 41.0392



156.9290, -1.9370, 61.4523

Triad

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



159.2050, 16.1679, 41.0392



150.8710, -37.8974, 22.0381



124.4820, 35.2584, -109.1707

Complementary

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



159.2050, 16.1679, 41.0392



175.7950, -16.1679, -41.0392

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.



120.6230, 17.9339, -105.7864



159.2050, 16.1679, 41.0392



147.0240, -30.0848, -10.5450

Square

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



159.2050, 16.1679, 41.0392



153.4750, -33.7582, 47.8184



139.4180, -11.0521, -48.6016



124.1520, 49.2251, -108.8813

Rectangle

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



159.2050, 16.1679, 41.0392



155.7370, -14.1673, 64.2517



139.4180, -11.0521, -48.6016



123.5870, 29.2906, -108.3858

Sweetspot

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



159.2050, 16.1679, 41.0392



237.9940, 5.9190, 14.9143



141.6650, 31.7172, 0.2938



117.5650, 3.1725, 9.1515



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.



159.2050, 16.1679, 41.0392



185.1010, 24.1072, 61.3014



154.9870, 0.0064, 44.7384



95.9020, 2.0203, 5.3479



65.1380, 34.9350, 88.4560



14.8960, 7.9393, 20.2622

Inverse Universe

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



159.2050, 16.1679, 41.0392



185.1010, 24.1072, 61.3014



180.0130, -0.0064, -44.7384



95.9020, 2.0203, 5.3479



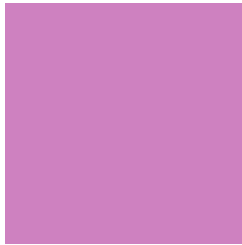
65.1380, 34.9350, 88.4560



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 159.2050, 16.1679, 41.0392 looks on a white background.

Color Contrast Check

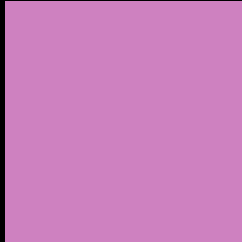
Large Text (above 18pt) WCAG AA × Fail

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 159.2050, 16.1679, 41.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

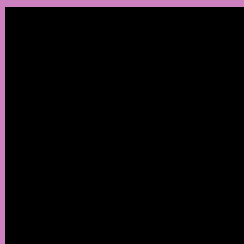
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2050, 16.1679, 41.0392

Background



This preview shows how black text looks on a background with the YUV color 159.2050, 16.1679, 41.0392.



This preview shows how white text looks on a background with the YUV color 159.2050, 16.1679, 41.0392.

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

159.2050, 16.1679, 41.0392

Protanopia

155.3120, 26.9612, -14.3056

Deuteranopia

156.7020, 15.4299, -2.3697



Tritanopia

157.9770, -4.9187, 37.7312

Trichromacy



Original Color

159.2050, 16.1679, 41.0392



Protanomaly

156.4070, 22.9703, 5.7821



Deuteranomaly

157.8010, 15.3811, 13.3295



Tritanomaly

158.6380, 2.6435, 38.9055

Monochromacy



Original Color

159.2050, 16.1679, 41.0392



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.9940, 5.9190, 14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2050, 16.1679, 41.0392 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(206, 129, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 129, 192)  
}
```

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(206, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 129, 192) }
```

Border

The CSS property to change the border of an element to YUV 159.2050, 16.1679, 41.0392 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(206, 129, 192) }
```


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

```
.border{ border-color:rgb(206, 129, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 129, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 129,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 159.2050, 16.1679, 41.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 129, 192) }
```

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

```
.background{ background-color: rgb(206,  
129, 192) }
```

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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