

Converting Colors

YUV(178.6640, 19.8856,
15.2037)

Have a look what the booklet for
YUV(178.6640, 19.8856, 15.2037)
contains.

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Color

**YUV(178.6640, 19.8856,
15.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A2DB
RGB	196, 162, 219
RGB Percent	77%, 64%, 86%
CMY	0.2314, 0.3647, 0.1412
CMYK	0.11, 0.26, 0.00, 0.14
HSL	276°, 44%, 75%
HSV	276°, 26%, 86%
XYZ	48.4715, 42.6909, 72.7033
YIQ	178.6640, 1.9670, 24.9350

Conversions

Conversions Part 2

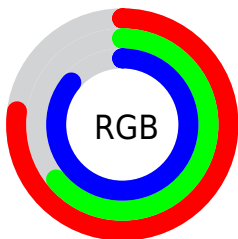
Format	Color
R _{YB}	196, 162, 219
Decimal	12886747
CIE Lab	71.34, 22.99, -24.21
CIE LCh	71, 33.387, 313.510
Yxy	42.6909, 0.2958, 0.2605
Android (android.graphics.Color)	4291076827 (0xFFC4A2DB)
YUV	178.6640, 19.8856, 15.2037
Hunter-Lab	65.3383, 18.0790, -20.2364

Details

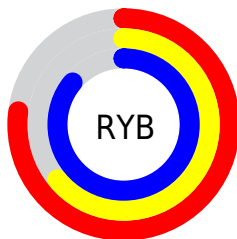
The YUV color **178.6640, 19.8856, 15.2037** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.3360, -19.8856, -15.2037**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0960, 11.2917, 18.3328**, and **125.7240, 18.8701, 14.2741** is the 20% darker color. If you saturate the color by 10%, you get **163.0590, 27.5789, 20.9963**, and if you desaturate by 10%, it is **194.2690, 12.1924, 9.4111**.

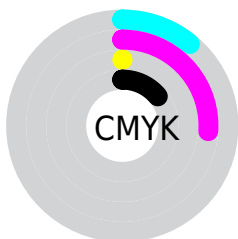
Distribution



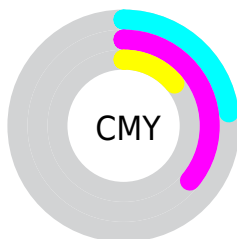
- Red (77%)
- Green (64%)
- Blue (86%)



- Red (77%)
- Yellow (64%)
- Blue (86%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (14%)





- Cyan (23%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.6640, 19.8856, 15.2037 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 178.6640, 19.8856, 15.2037 by changing the saturation by 10% instead.

 178.6640, 19.8856,
15.2037


 178.6640, 19.8856,
15.2037


255.0000, 0.0000,
0.0000


 151.8380, 19.3069,
14.1741


 232.0960, 11.2917,
18.3328


 125.7240, 18.8701,
14.2741

 249.7170, 2.6045,
4.6332

 100.1970, 18.1439,
13.8592

 76.3710, 17.5651,
12.8296

 52.5450, 16.9863,
11.8000

 30.7190, 16.4075,
10.7704

 12.2630, 14.6603,

11.1703

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 178.6640, 19.8856,
15.2037

■ 178.6640, 19.8856,
15.2037

■ 163.0590, 27.5789,
20.9963

■ 194.2690, 12.1924,
9.4111

■ 147.4540, 35.2722,
26.7888

■ 209.8740, 4.4991,
3.6185

■ 131.8490, 42.9654,
32.5814

■ 225.4790, -3.1941,
-2.1741

■ 116.5430, 50.5113,
38.9888

■ 240.7850,
-10.7400, -8.5814

■ 100.9380, 58.2046,
44.7814

■ 246.4110,
-13.5136, -5.6224

■ 85.9200, 65.6084,
50.0592

■ 249.1020,
-14.8403, -0.0895

■ 70.3150, 73.3017,
55.8517

■ 250.8960,
-15.7247, 3.5992

■ 64.1350, 76.3484,
58.6406

Harmonies

Analogous

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



174.5720, 29.2980, -17.1646



178.6640, 19.8856, 15.2037



179.3760, 6.7166, 39.1352

Triad

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



178.6640, 19.8856, 15.2037



174.1570, -28.1784, 31.4343



157.1700, 15.1992, -68.5551

Complementary

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



178.6640, 19.8856, 15.2037



202.3360, -19.8856, -15.2037

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.



162.5030, -3.2060, -45.1681



178.6640, 19.8856, 15.2037



171.4270, -27.8185, 9.2725

Square

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



178.6640, 19.8856, 15.2037



176.2050, -20.8071, 47.1782



167.6670, -18.5698, -17.2480



157.3940, 28.8928, -74.0135

Rectangle

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



178.6640, 19.8856, 15.2037



178.4990, -3.2040, 47.7974



167.6670, -18.5698, -17.2480



158.6070, 9.0677, -61.9223

Sweetspot

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



178.6640, 19.8856, 15.2037



240.8680, 6.9671, 5.3778



182.5860, 17.9521, -18.0539



118.5750, 4.6465, 3.0037



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.



178.6640, 19.8856, 15.2037



199.0590, 27.5789, 20.9963



184.9710, 14.3113, 29.8434



102.0480, 3.9203, 2.5889



50.5190, 60.3831, 46.0258



13.3170, 16.1127, 12.0000

Inverse Universe

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



181.6650, 1.6442, 32.7428



203.2690, 2.3324, 45.3681



196.0290, -14.3113, -29.8434



102.7450, 0.1257, 6.3626



59.7070, 5.0744, 99.3580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 178.6640, 19.8856, 15.2037 looks on a white background.

Color Contrast Check

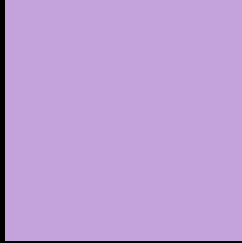
Large Text (above 18pt) WCAG AA × Fail

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 178.6640, 19.8856, 15.2037 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 178.6640, 19.8856, 15.2037

Background



This preview shows how black text looks on a background with the YUV color 178.6640, 19.8856, 15.2037.



This preview shows how white text looks on a background with the YUV color 178.6640, 19.8856, 15.2037.

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

178.6640, 19.8856, 15.2037

Protanopia

175.5680, 25.3560, -12.7761

Deuteranopia

175.9450, 20.2401, -5.2138



Tritanopia

176.7610, 2.5828, 11.6106

Trichromacy



Original Color

178.6640, 19.8856, 15.2037

Protanomaly

176.7650, 23.2869, -2.4249

Deuteranomaly

176.9890, 20.2184, 1.7636

Tritanomaly

177.0800, 8.8346, 13.0848

Monochromacy



Original Color

178.6640, 19.8856, 15.2037

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6640, 19.8856, 15.2037 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(196, 162, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 219)  
}
```

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(196, 162, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 219) }
```

Border

The CSS property to change the border of an element to YUV 178.6640, 19.8856, 15.2037 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(196, 162, 219) }
```


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

```
.border{ border-color:rgb(196, 162, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 178.6640, 19.8856, 15.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 219) }
```

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

```
.background{ background-color: rgb(196,  
162, 219) }
```

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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