

Converting Colors

YUV(179.8700, 17.3191,
-1.6400)

Have a look what the booklet for
YUV(179.8700, 17.3191, -1.6400)
contains.

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Color

**YUV(179.8700, 17.3191,
-1.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AED7
RGB	178, 174, 215
RGB Percent	70%, 68%, 84%
CMY	0.3020, 0.3176, 0.1569
CMYK	0.17, 0.19, 0.00, 0.16
HSL	246°, 34%, 76%
HSV	246°, 19%, 84%
XYZ	45.7619, 44.6434, 70.4951
YIQ	179.8700, -10.7770, 13.5990

Conversions

Conversions Part 2

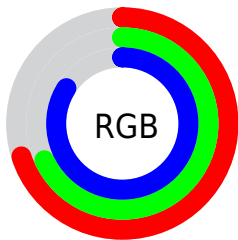
Format	Color
R _Y B	178, 174, 215
Decimal	11710167
CIE Lab	72.66, 9.75, -20.16
CIE LCh	73, 22.395, 295.794
Yxy	44.6434, 0.2844, 0.2775
Android (android.graphics.Color)	4289900247 (0xFFB2AED7)
YUV	179.8700, 17.3191, -1.6400
Hunter-Lab	66.8157, 5.3267, -15.7840

Details

The YUV color **179.8700, 17.3191, -1.6400** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209.1300, -17.3191, 1.6400**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4590, 10.6197, 0.4745**, and **127.2290, 16.1561, -1.9548** is the 20% darker color. If you saturate the color by 10%, you get **161.8620, 26.1970, -2.5100**, and if you desaturate by 10%, it is **198.4650, 8.1518, -1.2848**.

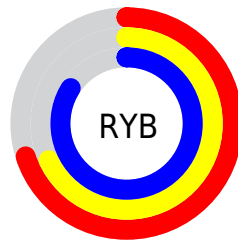
Distribution



Red (70%)

Green (68%)

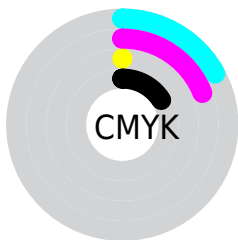
Blue (84%)



Red (70%)

Yellow (68%)

Blue (84%)

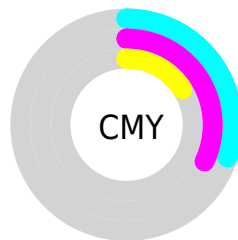


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (30%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.8700, 17.3191, -1.6400 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 179.8700, 17.3191, -1.6400 by changing the saturation by 10% instead.

■ 179.8700, 17.3191,
-1.6400

■ 179.8700, 17.3191,
-1.6400

255.0000, 0.0000,
0.0000

■ 152.7560, 16.8823,
-1.5400

■ 233.4590, 10.6197,
0.4745

■ 127.2290, 16.1561,
-1.9548

■ 102.1150, 15.7193,
-1.8549

■ 77.7020, 15.4299,
-2.3697

■ 55.0610, 14.2669,
-2.6845

■ 33.2350, 13.6881,
-3.7141

■ 9.1860, 14.6983,

-1.0401

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 179.8700, 17.3191,
-1.6400

■ 179.8700, 17.3191,
-1.6400

■ 161.8620, 26.1970,
-2.5100

■ 198.4650, 8.1518,
-1.2848

■ 142.9680, 35.5118,
-3.4799

■ 216.7720, -0.8736,
0.2000

■ 124.9600, 44.3897,
-4.3499

■ 235.3670,
-10.0409, 0.5551

■ 106.0660, 53.7045,
-5.3199

■ 250.4400,
-17.4719, 3.9991

■ 88.0580, 62.5824,
-6.1899

■ 69.4630, 71.7497,
-6.5451

■ 51.1560, 80.7751,
-8.0298

■ 32.5610, 89.9424,
-8.3850

■ 30.7890, 90.8160,
-8.5850

Harmonies

Analogous

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



176.0630, 21.1679, -22.8573



179.8700, 17.3191, -1.6400



182.0420, 9.8393, 17.5032

Triad

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



179.8700, 17.3191, -1.6400



179.4200, -16.9691, 29.4497



170.6490, 2.1450, -34.7722

Complementary

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



179.8700, 17.3191, -1.6400



209.1300, -17.3191, 1.6400

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.



172.5880, -8.6709, -18.9327



179.8700, 17.3191, -1.6400



177.9470, -19.6939, 16.7095

Square

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



179.8700, 17.3191, -1.6400



180.9890, -9.8546, 34.2126



175.2330, -16.8769, -0.2043



169.9390, 12.3551, -42.9195

Rectangle

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



179.8700, 17.3191, -1.6400



182.0880, 3.4076, 27.1098



175.2330, -16.8769, -0.2043



171.0580, -1.5076, -29.8689

Sweetspot

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



179.8700, 17.3191, -1.6400



242.0090, 6.4046, -0.8849



200.9800, 6.9119, -23.6615



120.0260, 3.9312, -0.8998



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.



179.8700, 17.3191, -1.6400



204.5200, 24.8866, -2.2100



185.8500, 14.3710, 10.6556



97.5530, 4.6574, -0.4850



24.5770, 72.1865, -6.6450



6.0980, 18.1927, -1.8399

Inverse Universe

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



190.4770, 10.1178, 21.5067



219.6830, 14.4533, 30.9730



203.1500, -14.3710, -10.6556



100.4290, 2.7465, 5.7628



68.6850, 42.0603, 89.7303



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 179.8700, 17.3191, -1.6400 looks on a white background.

Color Contrast Check

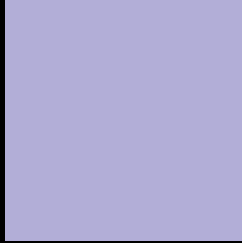
Large Text (above 18pt) WCAG AA × Fail

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 179.8700, 17.3191, -1.6400 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 179.8700, 17.3191, -1.6400

Background



This preview shows how black text looks on a background with the YUV color 179.8700, 17.3191, -1.6400.



This preview shows how white text looks on a background with the YUV color 179.8700, 17.3191, -1.6400.

-1.6400.

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

179.8700, 17.3191, -1.6400

Protanopia

179.1680, 18.6512, -8.9173

Deuteranopia

179.5710, 17.4665, -2.2548



Tritanopia

178.4000, 6.7048, -3.8588

Trichromacy



Original Color

179.8700, 17.3191, -1.6400

Protanomaly

179.3640, 18.0615, -6.4582

Deuteranomaly

179.5710, 17.4665, -2.2548

Tritanomaly

179.0240, 10.3412, -3.5290

Monochromacy



Original Color

179.8700, 17.3191, -1.6400

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8700, 17.3191, -1.6400 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(178, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 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(178, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 215) }
```

Border

The CSS property to change the border of an element to YUV 179.8700, 17.3191, -1.6400 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(178, 174, 215) }
```


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

```
.border{ border-color:rgb(178, 174, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 215);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 179.8700, 17.3191, -1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 215) }
```

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

```
.background{ background-color: rgb(178,  
174, 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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