

Converting Colors

YUV(175.7460, 18.8592,
17.7628)

Have a look what the booklet for
YUV(175.7460, 18.8592, 17.7628)
contains.

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Color

**YUV(175.7460, 18.8592,
17.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	C49ED6
RGB	196, 158, 214
RGB Percent	77%, 62%, 84%
CMY	0.2314, 0.3804, 0.1608
CMYK	0.08, 0.26, 0.00, 0.16
HSL	281°, 41%, 73%
HSV	281°, 26%, 84%
XYZ	47.1294, 41.0445, 69.0567
YIQ	175.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

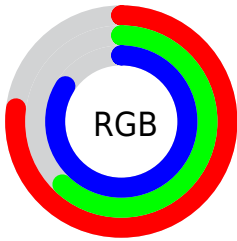
Format	Color
R _{YB}	196, 158, 214
Decimal	12885718
CIE _{Lab}	70.21, 24.17, -23.20
CIE _{LCh}	70, 33.503, 316.168
Y _{xy}	41.0445, 0.2997, 0.2610
Android (android.graphics.Color)	4291075798 (0xFFC49ED6)
YUV	175.7460, 18.8592, 17.7628
Hunter-Lab	64.0660, 19.1960, -19.0625

Details

The YUV color **175.7460, 18.8592, 17.7628** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.2540, -18.8592, -17.7628**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7480, 12.4492, 20.3920**, and **122.8060, 17.8436, 16.8331** is the 20% darker color. If you saturate the color by 10%, you get **161.3260, 25.9683, 24.2701**, and if you desaturate by 10%, it is **190.1660, 11.7502, 11.2554**.

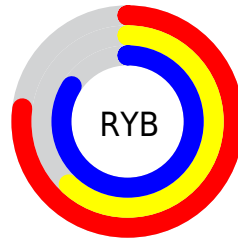
Distribution



Red (77%)

Green (62%)

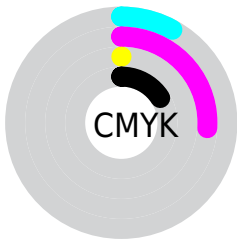
Blue (84%)



Red (77%)

Yellow (62%)

Blue (84%)

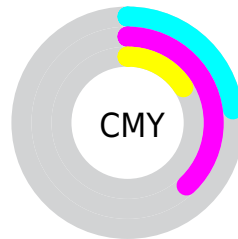


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.7460, 18.8592, 17.7628 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 175.7460, 18.8592, 17.7628 by changing the saturation by 10% instead.

■ 175.7460, 18.8592,
17.7628

■ 175.7460, 18.8592,
17.7628

255.0000, 0.0000,
0.0000

■ 148.9200, 18.2804,
16.7332

■ 229.7480, 12.4492,
20.3920

■ 122.8060, 17.8436,
16.8331

■ 246.7820, 4.0515,
7.2072

■ 97.9800, 17.2649,
15.8035

■ 73.4530, 16.5387,
15.3887

■ 50.3280, 16.1073,
13.7443

■ 27.9150, 15.8179,
13.2295

■ 12.1060, 12.7657,

12.1850

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 175.7460, 18.8592,
17.7628

■ 175.7460, 18.8592,
17.7628

■ 161.3260, 25.9683,
24.2701

■ 190.1660, 11.7502,
11.2554

■ 146.3190, 33.3667,
31.2922

■ 205.1730, 4.3517,
4.2333

■ 131.8990, 40.4758,
37.7996

■ 219.5930, -2.7573,
-2.2741

■ 116.8920, 47.8742,
44.8217

■ 234.6000,
-10.1558, -9.2962

■ 102.7710, 54.8359,
51.9438

■ 242.8510,
-14.2235, -11.2703

■ 88.3510, 61.9450,
58.4512

■ 244.9440,
-15.2554, -6.9669

■ 73.3440, 69.3434,
65.4733

■ 247.0370,
-16.2872, -2.6634

■ 67.7510, 72.1008,
67.7474

■ 249.1300,
-17.3191, 1.6400

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



171.7680, 28.7084, -14.7055



175.7460, 18.8592, 17.7628



176.0450, 5.4008, 41.1795

Triad

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



175.7460, 18.8592, 17.7628



171.0320, -28.6098, 29.7899



153.2020, 16.6624, -71.2142

Complementary

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



175.7460, 18.8592, 17.7628



196.2540, -18.8592, -17.7628

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.



158.9480, -1.4534, -47.3124



175.7460, 18.8592, 17.7628



168.2310, -27.2289, 6.8134

Square

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



175.7460, 18.8592, 17.7628



172.9660, -21.6752, 45.6338



164.2860, -17.3960, -20.4218



154.0350, 30.0557, -73.6987

Rectangle

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



175.7460, 18.8592, 17.7628



174.8690, -4.3724, 49.2269



164.2860, -17.3960, -20.4218



155.0520, 10.8204, -64.0666

Sweetspot

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



175.7460, 18.8592, 17.7628



241.1670, 6.8197, 5.9925



175.5370, 18.9623, -15.3799



118.8740, 4.4991, 3.6185



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.



175.7460, 18.8592, 17.7628



201.1520, 26.5471, 25.2997



180.1020, 12.2747, 29.7285



99.6460, 3.6255, 3.8185



54.1780, 57.5932, 54.2179



13.5730, 14.5075, 13.5295

Inverse Universe

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



176.7960, -0.3924, 32.6279



202.4710, -0.7252, 46.0679



191.8980, -12.2747, -29.7285



99.7450, 0.1257, 6.3626



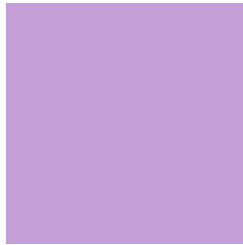
57.3990, -1.1827, 99.6281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 175.7460, 18.8592, 17.7628 looks on a white background.

Color Contrast Check

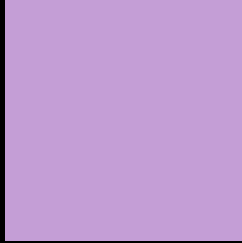
Large Text (above 18pt) WCAG AA × Fail

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 175.7460, 18.8592, 17.7628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

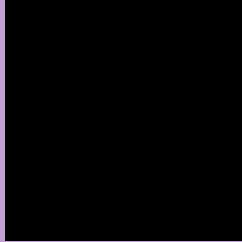
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.7460, 18.8592, 17.7628

Background



This preview shows how black text looks on a background with the YUV color 175.7460, 18.8592, 17.7628.



This preview shows how white text looks on a background with the YUV color 175.7460, 18.8592, 17.7628.

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

175.7460, 18.8592, 17.7628

Protanopia

172.4540, 24.9192, -12.6762

Deuteranopia

173.0160, 19.2191, -4.3990



Tritanopia

173.9570, 1.9932, 14.0697

Trichromacy



Original Color

175.7460, 18.8592, 17.7628

Protanomaly

173.9500, 22.7026, -1.7102

Deuteranomaly

173.7720, 19.3394, 3.7080

Tritanomaly

174.2760, 8.2449, 15.5439

Monochromacy



Original Color

175.7460, 18.8592, 17.7628

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.5800, 7.1091, 6.5073

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.7460, 18.8592, 17.7628 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, 158, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 214)  
}
```

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, 158, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 214) }
```

Border

The CSS property to change the border of an element to YUV 175.7460, 18.8592, 17.7628 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, 158, 214) }
```


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

```
.border{ border-color:rgb(196, 158, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 158, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 175.7460, 18.8592, 17.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 158, 214) }
```

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

```
.background{ background-color: rgb(196,  
158, 214) }
```

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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