

Converting Colors

YUV(177.7380, 7.5242, 13.3848)

Have a look what the booklet for
YUV(177.7380, 7.5242, 13.3848)
contains.

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Color

**YUV(177.7380, 7.5242,
13.3848)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A7C1
RGB	193, 167, 193
RGB Percent	76%, 65%, 76%
CMY	0.2431, 0.3451, 0.2431
CMYK	0.00, 0.13, 0.00, 0.24
HSL	300°, 17%, 71%
HSV	300°, 13%, 76%
XYZ	45.4367, 42.8251, 56.3234
YIQ	177.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

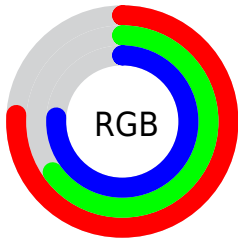
Format	Color
R_{YB}	193, 167, 193
Decimal	12691393
CIE _{Lab}	71.44, 14.07, -9.80
CIE _{LCh}	71, 17.148, 325.160
Yxy	42.8251, 0.3143, 0.2962
Android (android.graphics.Color)	4290881473 (0xFFC1A7C1)
YUV	177.7380, 7.5242, 13.3848
Hunter-Lab	65.4409, 9.4138, -5.2208

Details

The YUV color $177.7380, 7.5242, 13.3848$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.2620, -7.5242, -13.3848$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.4500, 7.6662, 14.5144$, and $124.9120, 6.9454, 12.3552$ is the 20% darker color. If you saturate the color by 10%, you get $166.5850, 13.0226, 23.1660$, and if you desaturate by 10%, it is $188.8910, 2.0257, 3.6036$.

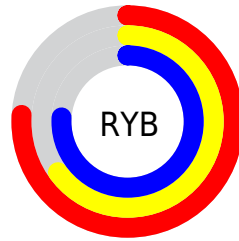
Distribution



Red (76%)

Green (65%)

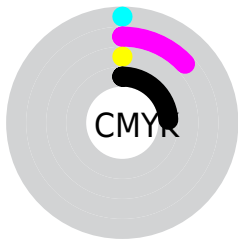
Blue (76%)



Red (76%)

Yellow (65%)

Blue (76%)

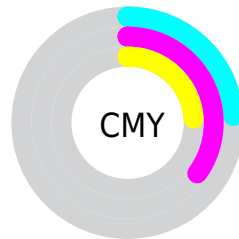


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7380, 7.5242, 13.3848 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 177.7380, 7.5242, 13.3848 by changing the saturation by 10% instead.

■ 177.7380, 7.5242,
13.3848

■ 177.7380, 7.5242,
13.3848

255.0000, 0.0000,
0.0000

■ 151.3250, 7.2348,
12.8700

■ 233.4500, 7.6662,
14.5144

■ 124.9120, 6.9454,
12.3552

■ 252.6520, 1.1576,
2.0592

■ 99.9120, 6.9454,
12.3552

■ 76.0860, 6.3666,
11.3256

■ 52.7870, 6.5140,
10.7108

■ 31.3740, 6.2246,
10.1960

■ 9.9120, 6.9454,

12.3552

■ 0.0000, 0.0000,
0.0000

■ 177.7380, 7.5242,
13.3848

■ 177.7380, 7.5242,
13.3848

■ 166.5850, 13.0226,
23.1660

■ 188.8910, 2.0257,
3.6036

■ 154.8450, 18.8104,
33.4619

■ 200.6310, -3.7621,
-6.6924

■ 143.6920, 24.3088,
43.2431

■ 211.7840, -9.2605,
-16.4736

■ 132.5390, 29.8073,
53.0243

■ 222.9370,
-14.7589, -26.2547

■ 120.7990, 35.5951,
63.3203

■ 229.3940,
-17.9422, -31.9175

■ 109.6460, 41.0935,
73.1015

■ 98.4930, 46.5920,
82.8826

■ 87.3400, 52.0904,
92.6638

■ 79.7090, 55.8525,
99.3562

Harmonies

Analogous

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



176.4310, 13.0985, -1.2550



177.7380, 7.5242, 13.3848



177.8550, 0.0715, 23.8062

Triad

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



177.7380, 7.5242, 13.3848



174.7770, -15.1731, 13.3506



169.5060, 9.1175, -31.1388

Complementary

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



177.7380, 7.5242, 13.3848



182.2620, -7.5242, -13.3848

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.



169.4760, 1.2443, -25.8505



177.7380, 7.5242, 13.3848



172.9710, -12.8037, 0.0254

Square

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



177.7380, 7.5242, 13.3848



176.1140, -12.8742, 22.7020



171.0770, -6.9400, -14.0995



170.6080, 14.4903, -27.7202

Rectangle

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



177.7380, 7.5242, 13.3848



177.4980, -5.1755, 26.7503



171.0770, -6.9400, -14.0995



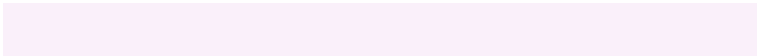
169.1210, 6.3493, -29.9241

Sweetspot

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



177.7380, 7.5242, 13.3848



244.1300, 2.8939, 5.1480



169.9640, 11.3567, -2.5994



121.4780, 1.7363, 3.0888



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



177.7380, 7.5242, 13.3848



226.5200, 11.5756, 20.5920



176.2560, 1.8458, 14.6845



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Inverse Universe

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



177.7380, 7.5242, 13.3848



226.5200, 11.5756, 20.5920



183.7440, -1.8458, -14.6845



91.1300, 2.8939, 5.1480



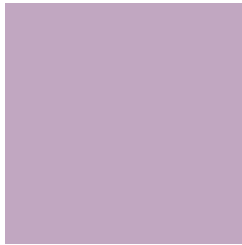
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 177.7380, 7.5242, 13.3848 looks on a white background.

Color Contrast Check

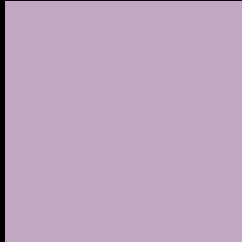
Large Text (above 18pt) WCAG AA × Fail

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 177.7380, 7.5242, 13.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

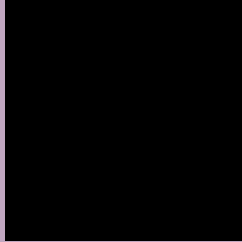
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.7380, 7.5242, 13.3848

Background



This preview shows how black text looks on a background with the YUV color 177.7380, 7.5242, 13.3848.



This preview shows how white text looks on a background with the YUV color 177.7380, 7.5242,

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

177.7380, 7.5242, 13.3848

Protanopia

176.0240, 10.3412, -3.5290

Deuteranopia

176.6940, 7.5459, 6.4074



Tritanopia

177.0600, 2.4354, 12.2254

Trichromacy



Original Color

177.7380, 7.5242, 13.3848

Protanomaly

176.5410, 9.5933, 3.0335

Deuteranomaly

177.0040, 7.3930, 8.7665

Tritanomaly

177.2280, 4.3246, 12.9550

Monochromacy



Original Color

177.7380, 7.5242, 13.3848

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7170, 2.6045, 4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7380, 7.5242, 13.3848 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(193, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 193)  
}
```

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(193, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 193) }
```

Border

The CSS property to change the border of an element to YUV 177.7380, 7.5242, 13.3848 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(193, 167, 193) }
```


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

```
.border{ border-color:rgb(193, 167, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 177.7380, 7.5242, 13.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 193) }
```

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

```
.background{ background-color: rgb(193,  
167, 193) }
```

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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