

Converting Colors

YUV(178.2240, 17.1446, 7.6966)

Have a look what the booklet for
YUV(178.2240, 17.1446, 7.6966)
contains.

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Color

**YUV(178.2240, 17.1446,
7.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA7D5
RGB	187, 167, 213
RGB Percent	73%, 65%, 84%
CMY	0.2667, 0.3451, 0.1647
CMYK	0.12, 0.22, 0.00, 0.16
HSL	266°, 35%, 75%
HSV	266°, 22%, 84%
XYZ	46.3225, 43.0063, 68.8104
YIQ	178.2240, -2.8460, 18.5460

Conversions

Conversions Part 2

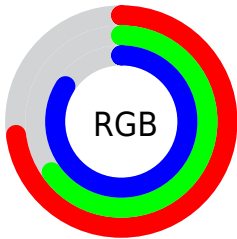
Format	Color
RYB	187, 167, 213
Decimal	12298197
CIELab	71.56, 16.07, -20.67
CIELCh	72, 26.178, 307.865
Yxy	43.0063, 0.2929, 0.2720
Android (android.graphics.Color)	4290488277 (0xFFBBA7D5)
YUV	178.2240, 17.1446, 7.6966
Hunter-Lab	65.5792, 11.3215, -16.3059

Details

The YUV color $178.2240, 17.1446, 7.6966$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $201.7760, -17.1446, -7.6966$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.0410, 11.3188, 9.6110$, and $125.2840, 16.1290, 6.7669$ is the 20% darker color. If you saturate the color by 10%, you get $162.3090, 24.9907, 11.1300$, and if you desaturate by 10%, it is $194.1390, 9.2985, 4.2631$.

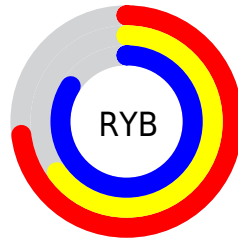
Distribution



Red (73%)

Green (65%)

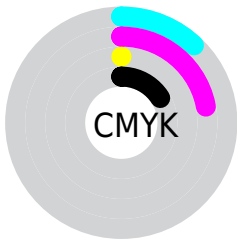
Blue (84%)



Red (73%)

Yellow (65%)

Blue (84%)

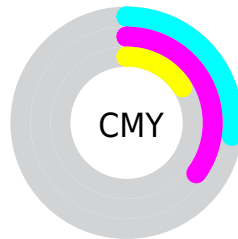


Cyan (12%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2240, 17.1446, 7.6966 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 178.2240, 17.1446, 7.6966 by changing the saturation by 10% instead.


 178.2240, 17.1446,
7.6966


 178.2240, 17.1446,
7.6966


255.0000, 0.0000,
0.0000


 151.6970, 16.4184,
7.2817


 232.0410, 11.3188,
9.6110


 125.2840, 16.1290,
6.7669

 252.6520, 1.1576,
2.0592

 100.1700, 15.6922,
6.8669

 76.3440, 15.1134,
5.8373

 52.8170, 14.3872,
5.4225

 31.8770, 13.3716,
4.4929

 10.0130, 13.7976,

7.8816

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 178.2240, 17.1446,
7.6966

■ 178.2240, 17.1446,
7.6966

■ 162.3090, 24.9907,
11.1300

■ 194.1390, 9.2985,
4.2631

■ 145.8070, 33.1261,
15.0783

■ 210.6410, 1.1630,
0.3148

■ 129.8920, 40.9722,
18.5117

■ 226.5560, -6.6831,
-3.1186

■ 113.9770, 48.8183,
21.9452

■ 242.4710,
-14.5292, -6.5521

■ 97.4750, 56.9538,
25.8934

■ 247.8200,
-17.1663, -0.7191

■ 81.5600, 64.7999,
29.3269

■ 250.2120,
-18.3455, 4.1991

■ 65.6450, 72.6460,
32.7603

■ 52.0890, 79.3291,
35.8789

Harmonies

Analogous

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



174.3780, 23.4776, -16.9945



178.2240, 17.1446, 7.6966



179.1250, 7.3334, 27.9544

Triad

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



178.2240, 17.1446, 7.6966



175.8560, -21.6210, 28.1903



164.7660, 8.0034, -47.1528

Complementary

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



178.2240, 17.1446, 7.6966



201.7760, -17.1446, -7.6966

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.



167.4340, -5.1440, -30.1986



178.2240, 17.1446, 7.6966



173.5180, -22.4404, 10.9467

Square

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



178.2240, 17.1446, 7.6966



177.3440, -14.9596, 38.2863



170.8790, -16.7023, -9.5409



164.4200, 19.5129, -52.1113

Rectangle

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



178.2240, 17.1446, 7.6966



179.1170, -0.5507, 36.7314



170.8790, -16.7023, -9.5409



165.6480, 3.6245, -42.6643

Sweetspot

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



178.2240, 17.1446, 7.6966



243.5040, 5.6675, 2.1890



187.5060, 12.5685, -17.9838



120.9230, 3.4890, 0.9445



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.



178.2240, 17.1446, 7.6966



205.1950, 24.5539, 11.2300



185.1010, 13.7542, 21.8364



98.7490, 4.0677, 1.9741



41.6200, 63.7843, 28.3973



10.5830, 15.9816, 7.3817

Inverse Universe

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



183.7180, 4.5760, 25.6803



212.9520, 6.4327, 36.8761



194.8990, -13.7542, -21.8364



99.9730, 0.9993, 6.1627



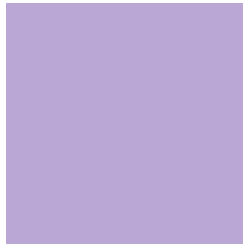
62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 178.2240, 17.1446, 7.6966 looks on a white background.

Color Contrast Check

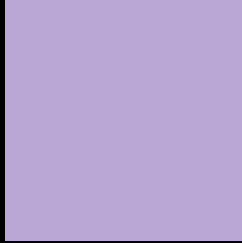
Large Text (above 18pt) WCAG AA × Fail

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 178.2240, 17.1446, 7.6966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

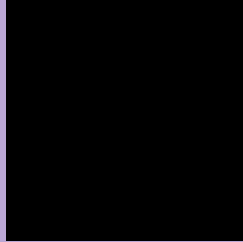
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.2240, 17.1446, 7.6966

Background



This preview shows how black text looks on a background with the YUV color 178.2240, 17.1446, 7.6966.



This preview shows how white text looks on a background with the YUV color 178.2240, 17.1446, 7.6966.

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

178.2240, 17.1446, 7.6966

Protanopia

176.3250, 20.5458, -9.9320

Deuteranopia

176.5710, 17.4665, -2.2548



Tritanopia

176.4720, 4.2043, 4.8481

Trichromacy



Original Color

178.2240, 17.1446, 7.6966

Protanomaly

176.7280, 19.3611, -3.2695

Deuteranomaly

177.4790, 17.0189, 1.3339

Tritanomaly

177.0360, 8.8563, 6.1074

Monochromacy



Original Color

178.2240, 17.1446, 7.6966

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2240, 17.1446, 7.6966 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(187, 167, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 213)  
}
```

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(187, 167, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 213) }
```

Border

The CSS property to change the border of an element to YUV 178.2240, 17.1446, 7.6966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

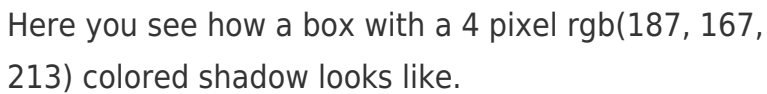
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 167, 213) }
```


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

```
.border{ border-color:rgb(187, 167, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 167, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 167, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 167, 213); box-shadow:4px 4px 4px 4px rgb(187, 167, 213) }
```

Background

The CSS property to change the background color of an element to YUV 178.2240, 17.1446, 7.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 213) }
```

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

```
.background{ background-color: rgb(187,  
167, 213) }
```

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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