

Converting Colors

YUV(181.4860, 16.5224,
20.6218)

Have a look what the booklet for
YUV(181.4860, 16.5224, 20.6218)
contains.

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Color

**YUV(181.4860, 16.5224,
20.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA3D7
RGB	205, 163, 215
RGB Percent	80%, 64%, 84%
CMY	0.1961, 0.3608, 0.1569
CMYK	0.05, 0.24, 0.00, 0.16
HSL	288°, 39%, 74%
HSV	288°, 24%, 84%
XYZ	50.5398, 44.0798, 70.1345
YIQ	181.4860, 8.3400, 25.0760

Conversions

Conversions Part 2

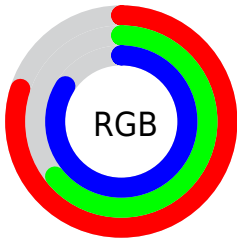
Format	Color
R _Y B	205, 163, 215
Decimal	13476823
CIE Lab	72.28, 24.55, -20.51
CIE LCh	72, 31.992, 320.117
Yxy	44.0798, 0.3068, 0.2675
Android (android.graphics.Color)	4291666903 (0xFFCDA3D7)
YUV	181.4860, 16.5224, 20.6218
Hunter-Lab	66.3926, 19.6917, -16.1567

Details

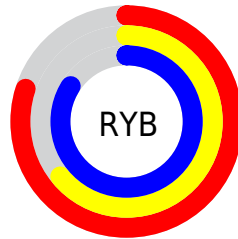
The YUV color **181.4860, 16.5224, 20.6218** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **196.5140, -16.5224, -20.6218**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **128.2470, 15.6542, 19.0774** is the 20% darker color. If you saturate the color by 10%, you get **167.9630, 23.1892, 28.9734**, and if you desaturate by 10%, it is **195.5960, 9.5662, 11.7553**.

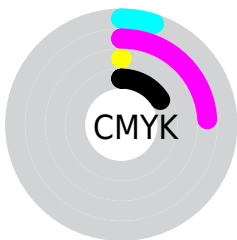
Distribution



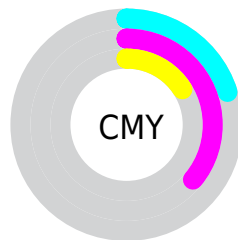
- Red (80%)
- Green (64%)
- Blue (84%)



- Red (80%)
- Yellow (64%)
- Blue (84%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)





- Cyan (20%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.4860, 16.5224, 20.6218 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 181.4860, 16.5224, 20.6218 by changing the saturation by 10% instead.


 181.4860, 16.5224,
20.6218

 181.4860, 16.5224,
20.6218


255.0000, 0.0000,
0.0000


 154.6600, 15.9436,
19.5922


 233.2810, 10.7075,
19.0476


 128.2470, 15.6542,
19.0774

 250.3040, 2.3151,
4.1184

 102.8340, 15.3648,
18.5626

 78.3070, 14.6386,
18.1478

 55.1820, 14.2073,
16.5034

 32.7690, 13.9179,
15.9886

 13.7150, 12.4655,

15.1589

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 181.4860, 16.5224,
20.6218

■ 181.4860, 16.5224,
20.6218

■ 167.9630, 23.1892,
28.9734

■ 195.5960, 9.5662,
11.7553

■ 153.8530, 30.1455,
37.8399

■ 209.1190, 2.8993,
3.4036

■ 140.3300, 36.8123,
46.1916

■ 222.6420, -3.7675,
-4.9480

■ 125.9210, 43.9159,
54.4433

■ 237.0510,
-10.8711, -13.1997

111.8110, 50.8722,
63.3098

241.7690,
-13.1971, -13.8294

98.2880, 57.5390,
71.6614

242.9650,
-13.7867, -11.3703

84.1780, 64.4952,
80.5279

244.1610,
-14.3764, -8.9112

76.5360, 68.2628,
85.4759

245.3570,
-14.9660, -6.4521

246.5530,
-15.5556, -3.9930

Harmonies

Analogous

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



178.2310, 26.5081, -8.9726



181.4860, 16.5224, 20.6218



181.4750, 3.2168, 41.6794

Triad

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



181.4860, 16.5224, 20.6218



176.2380, -27.7253, 26.1013



160.7510, 17.3778, -67.3106

Complementary

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



181.4860, 16.5224, 20.6218



196.5140, -16.5224, -20.6218

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.



165.1050, 0.4412, -48.3271



181.4860, 16.5224, 20.6218



173.6650, -25.4708, 2.9248

Square

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



181.4860, 16.5224, 20.6218



178.2430, -21.8118, 42.7599



169.8450, -15.2066, -22.6661



163.0360, 28.5763, -65.8066

Rectangle

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



181.4860, 16.5224, 20.6218



180.4020, -6.1142, 47.8824



169.8450, -15.2066, -22.6661



161.4050, 12.1253, -62.6222

Sweetspot

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



181.4860, 16.5224, 20.6218



243.5370, 5.6513, 7.4221



174.7980, 19.8196, -10.3468



120.9450, 3.4781, 4.4332



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.



181.4860, 16.5224, 20.6218



207.3760, 23.4786, 29.4882



182.6520, 8.0596, 28.3692



99.9450, 3.4781, 4.4332



60.7560, 54.3503, 67.7430



15.3670, 13.6231, 17.2181

Inverse Universe

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



179.6880, -3.2972, 30.9686



204.7220, -4.7929, 44.0938



195.3480, -8.0596, -28.3692



99.5170, -0.7479, 6.5626



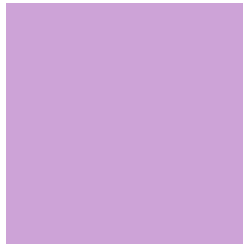
54.8910, -10.7923, 101.8276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 181.4860, 16.5224, 20.6218 looks on a white background.

Color Contrast Check

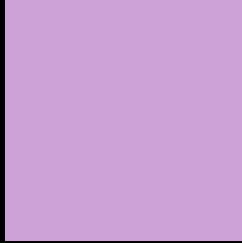
Large Text (above 18pt) WCAG AA × Fail

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 181.4860, 16.5224, 20.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

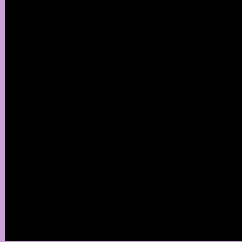
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.4860, 16.5224, 20.6218

Background



This preview shows how black text looks on a background with the YUV color 181.4860, 16.5224, 20.6218.



This preview shows how white text looks on a background with the YUV color 181.4860, 16.5224,

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

181.4860, 16.5224, 20.6218

Protanopia

178.4820, 22.4404, -10.9467

Deuteranopia

178.7560, 16.8823, -1.5400



Tritanopia

179.7510, 1.1088, 17.7584

Trichromacy



Original Color

181.4860, 16.5224, 20.6218

Protanomaly

179.3910, 20.5132, 0.5341

Deuteranomaly

179.5120, 17.0026, 6.5670

Tritanomaly

180.5430, 6.6343, 18.8178

Monochromacy



Original Color

181.4860, 16.5224, 20.6218

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9500, 5.9407, 7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4860, 16.5224, 20.6218 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(205, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 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(205, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 215) }
```

Border

The CSS property to change the border of an element to YUV 181.4860, 16.5224, 20.6218 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(205, 163, 215) }
```


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

```
.border{ border-color:rgb(205, 163, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 181.4860, 16.5224, 20.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 215) }
```

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

```
.background{ background-color: rgb(205,  
163, 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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