

Converting Colors

YUV(186.0600, 22.6484,
15.7334)

Have a look what the booklet for
YUV(186.0600, 22.6484, 15.7334)
contains.

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Color

**YUV(186.0600, 22.6484,
15.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA8E8
RGB	204, 168, 232
RGB Percent	80%, 66%, 91%
CMY	0.2000, 0.3412, 0.0902
CMYK	0.12, 0.28, 0.00, 0.09
HSL	274°, 58%, 78%
HSV	274°, 28%, 91%
XYZ	53.4700, 46.6688, 82.5337
YIQ	186.0600, 0.9120, 27.5360

Conversions

Conversions Part 2

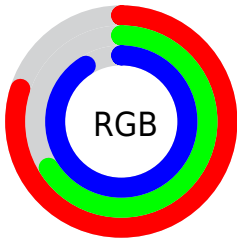
Format	Color
R_{YB}	204, 168, 232
Decimal	13412584
CIE Lab	73.98, 24.92, -27.22
CIE LCh	74, 36.908, 312.474
Yxy	46.6688, 0.2927, 0.2555
Android (android.graphics.Color)	4291602664 (0xFFCCA8E8)
YUV	186.0600, 22.6484, 15.7334
Hunter-Lab	68.3146, 20.1618, -23.8105

Details

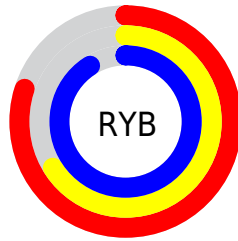
The YUV color $186.0600, 22.6484, 15.7334$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $213.9400, -22.6484, -15.7334$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 9.2605, 16.4736$, and $132.7070, 21.3434, 14.2890$ is the 20% darker color. If you saturate the color by 10%, you get $169.5690, 30.7785, 21.4260$, and if you desaturate by 10%, it is $202.5510, 14.5184, 10.0408$.

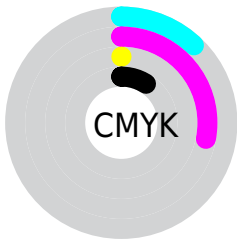
Distribution



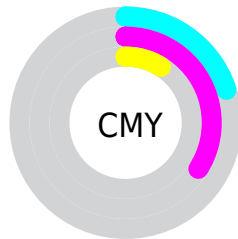
- Red (80%)
- Green (66%)
- Blue (91%)



- Red (80%)
- Yellow (66%)
- Blue (91%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)





- Cyan (20%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.0600, 22.6484, 15.7334 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 186.0600, 22.6484, 15.7334 by changing the saturation by 10% instead.


 186.0600, 22.6484,
15.7334


 186.0600, 22.6484,
15.7334


255.0000, 0.0000,
0.0000


 158.6470, 22.3590,
15.2186


 236.2160, 9.2605,
16.4736


 132.7070, 21.3434,
14.2890

 253.2390, 0.8682,
1.5444

 107.1800, 20.6173,
13.8741

 82.3540, 20.0385,
12.8445

 58.8270, 19.3123,
12.4297

 36.0010, 18.7335,
11.4001

 13.8870, 18.2967,

11.5001

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 186.0600, 22.6484,
15.7334

■ 186.0600, 22.6484,
15.7334

■ 169.5690, 30.7785,
21.4260

■ 202.5510, 14.5184,
10.0408

■ 153.0780, 38.9085,
27.1186

■ 219.0420, 6.3883,
4.3482

■ 136.0000, 47.3280,
33.3260

■ 236.1200, -2.0312,
-1.8592

■ 119.2100, 55.6055,
38.4038

■ 249.3880, -8.5723,
-3.8483

■ 102.7190, 63.7355,
44.0964

■ 252.3780,
-10.0464, 2.2995

■ 86.2280, 71.8656,
49.7890

■ 69.7370, 79.9957,
55.4817

■ 65.6170, 82.0268,
57.3409

Harmonies

Analogous

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



180.8750, 33.0926, -20.9384



186.0600, 22.6484, 15.7334



186.4520, 8.1582, 43.4536

Triad

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



186.0600, 22.6484, 15.7334



181.3810, -31.2468, 35.6229



160.5600, 16.9789, -79.4211

Complementary

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



186.0600, 22.6484, 15.7334



213.9400, -22.6484, -15.7334

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.



168.2420, -4.0633, -50.2012



186.0600, 22.6484, 15.7334



178.2270, -31.1709, 11.2019

Square

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



186.0600, 22.6484, 15.7334



183.4830, -22.4231, 52.1964



173.9720, -21.1852, -18.3924



159.4460, 33.3041, -88.9681

Rectangle

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



186.0600, 22.6484, 15.7334



185.6460, -2.7835, 52.9305



173.9720, -21.1852, -18.3924



163.1930, 10.2579, -70.3293

Sweetspot

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



186.0600, 22.6484, 15.7334



240.5690, 7.1145, 4.7630



192.3190, 19.5627, -21.3278



118.5750, 4.6465, 3.0037



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.



186.0600, 22.6484, 15.7334



194.6290, 29.7629, 20.4964



194.0900, 17.2106, 33.2471



106.4610, 4.2097, 3.1037



50.3060, 63.4461, 43.5816



14.4850, 18.0019, 12.7297

Inverse Universe

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



190.3280, 2.7963, 36.5463



200.3340, 3.7793, 47.9421



205.9100, -17.2106, -33.2471



107.1580, 0.4151, 6.8774



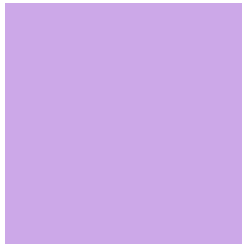
62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 186.0600, 22.6484, 15.7334 looks on a white background.

Color Contrast Check

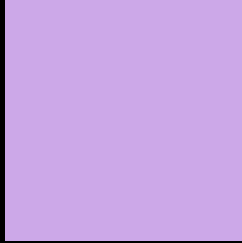
Large Text (above 18pt) WCAG AA × Fail

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 186.0600, 22.6484, 15.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

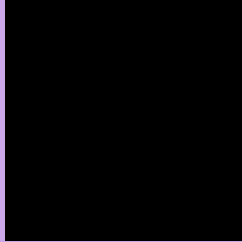
Any Text WCAG AA ✓ Pass

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 186.0600, 22.6484, 15.7334 Background



This preview shows how black text looks on a background with the YUV color 186.0600, 22.6484, 15.7334.



This preview shows how white text looks on a background with the YUV color 186.0600, 22.6484,

15.7334.

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

186.0600, 22.6484, 15.7334

Protanopia

182.4690, 28.8558, -15.3203

Deuteranopia

183.6180, 22.8663, -7.5580



Tritanopia

183.8750, 3.0196, 11.5106

Trichromacy



Original Color

186.0600, 22.6484, 15.7334

Protanomaly

183.9650, 26.6393, -4.3543

Deuteranomaly

184.6730, 22.8392, 1.1638

Tritanomaly

184.7210, 9.9975, 13.3997

Monochromacy



Original Color

186.0600, 22.6484, 15.7334

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0600, 22.6484, 15.7334 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(204, 168, 232)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 232)  
}
```

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(204, 168, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 232) }
```

Border

The CSS property to change the border of an element to YUV 186.0600, 22.6484, 15.7334 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(204, 168, 232) }
```


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

```
.border{ border-color:rgb(204, 168, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 168, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 232);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 186.0600, 22.6484, 15.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 232) }
```

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

```
.background{ background-color: rgb(204,  
168, 232) }
```

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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