

Converting Colors

YUV(165.8870, 18.2967,
11.5001)

Have a look what the booklet for
YUV(165.8870, 18.2967, 11.5001)
contains.

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Color

**YUV(165.8870, 18.2967,
11.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	B398CB
RGB	179, 152, 203
RGB Percent	70%, 60%, 80%
CMY	0.2980, 0.4039, 0.2039
CMYK	0.12, 0.25, 0.00, 0.20
HSL	272°, 33%, 70%
HSV	272°, 25%, 80%
XYZ	40.5981, 36.3520, 61.3768
YIQ	165.8870, -0.2790, 21.5850

Conversions

Conversions Part 2

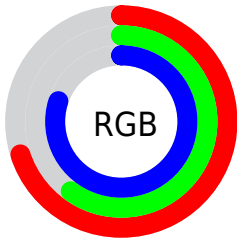
Format	Color
RYB	179, 152, 203
Decimal	11770059
CIELab	66.79, 19.71, -22.48
CIElCh	67, 29.892, 311.247
Yxy	36.3520, 0.2935, 0.2628
Android (android.graphics.Color)	4289960139 (0xFFB398CB)
YUV	165.8870, 18.2967, 11.5001
Hunter-Lab	60.2926, 14.6813, -18.1513

Details

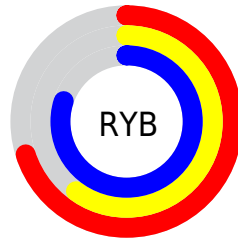
The YUV color **165.8870, 18.2967, 11.5001** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189.1130, -18.2967, -11.5001**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2570, 17.1283, 12.9296**, and **113.9470, 17.2811, 10.5705** is the 20% darker color. If you saturate the color by 10%, you get **151.1570, 25.5586, 15.6483**, and if you desaturate by 10%, it is **180.6170, 11.0348, 7.3519**.

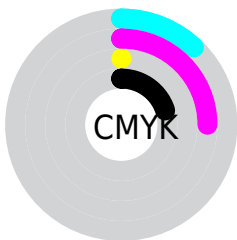
Distribution



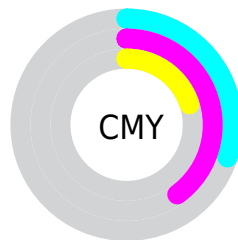
- Red (70%)
- Green (60%)
- Blue (80%)



- Red (70%)
- Yellow (60%)
- Blue (80%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8870, 18.2967, 11.5001 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 165.8870, 18.2967, 11.5001 by changing the saturation by 10% instead.

■ 165.8870, 18.2967,
11.5001

■ 165.8870, 18.2967,
11.5001

255.0000, 0.0000,
0.0000

■ 139.3600, 17.5705,
11.0853

■ 220.2570, 17.1283,
12.9296

■ 113.9470, 17.2811,
10.5705

■ 243.2600, 5.7878,
10.2960

■ 89.1210, 16.7023,
9.5409

■ 65.5940, 15.9762,
9.1261

■ 42.7680, 15.3974,
8.0965

■ 21.2410, 14.6712,
7.6816

■ 3.4200, 13.1039,

-2.9993

■ 0.0000, 0.0000,
0.0000

■ 165.8870, 18.2967,
11.5001

■ 165.8870, 18.2967,
11.5001

■ 151.1570, 25.5586,
15.6483

■ 180.6170, 11.0348,
7.3519

■ 136.1390, 32.9625,
20.9261

■ 195.6350, 3.6309,
2.0741

■ 121.4090, 40.2244,
25.0743

■ 210.3650, -3.6309,
-2.0741

■ 106.9780, 47.3388,
29.8373

■ 224.7960,
-10.7454, -6.8371

■ 92.2480, 54.6007,
33.9855

■ 240.1130,
-18.2967, -11.5001

77.2300, 62.0046,
39.2633

243.3910,
-19.9128, -6.4819

62.5000, 69.2665,
43.4115

246.3810,
-21.3868, -0.3341

55.1350, 72.8974,
45.4856

249.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



162.0620, 26.0984, -17.5944



165.8870, 18.2967, 11.5001



166.3430, 6.7329, 33.9022

Triad

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



165.8870, 18.2967, 11.5001



162.3570, -24.8260, 29.5049



148.0250, 11.8197, -57.9039

Complementary

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



165.8870, 18.2967, 11.5001



189.1130, -18.2967, -11.5001

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.



152.6180, -4.2487, -37.3760



165.8870, 18.2967, 11.5001



159.8230, -25.0557, 9.8022

Square

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



165.8870, 18.2967, 11.5001



164.2690, -17.8806, 41.8601



156.3300, -17.4177, -13.4444



147.9070, 24.2028, -63.0624

Rectangle

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



165.8870, 18.2967, 11.5001



165.8080, -1.8773, 42.2644



156.3300, -17.4177, -13.4444



149.3910, 6.7092, -52.0859

Sweetspot

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



165.8870, 18.2967, 11.5001



240.2700, 7.2619, 4.1482



172.4890, 15.0419, -17.9689



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.



165.8870, 18.2967, 11.5001



199.6240, 27.3004, 16.9928



172.9490, 14.3221, 26.3547



94.6350, 3.6309, 2.0741



45.2360, 59.5367, 37.5040



10.3120, 13.6502, 8.4964

Inverse Universe

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



169.9850, 2.9654, 28.9542



205.8280, 4.5218, 43.1238



182.0510, -14.3221, -26.3547



95.5600, 0.7099, 5.6479



58.5260, 9.6007, 94.2547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 165.8870, 18.2967, 11.5001 looks on a white background.

Color Contrast Check

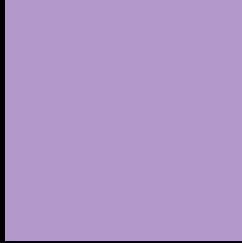
Large Text (above 18pt) WCAG AA × Fail

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 165.8870, 18.2967, 11.5001 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 165.8870, 18.2967, 11.5001 Background



This preview shows how black text looks on a background with the YUV color 165.8870, 18.2967, 11.5001.



This preview shows how white text looks on a background with the YUV color 165.8870, 18.2967, 11.5001.

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

165.8870, 18.2967, 11.5001

Protanopia

163.1830, 22.5878, -11.5615

Deuteranopia

163.9020, 18.7823, -4.2991



Tritanopia

164.1520, 2.8831, 8.6367

Trichromacy



Original Color

165.8870, 18.2967, 11.5001

Protanomaly

164.4830, 20.9609, -3.0546

Deuteranomaly

164.2340, 18.6186, 1.5488

Tritanomaly

164.9440, 8.4086, 9.6961

Monochromacy



Original Color

165.8870, 18.2967, 11.5001

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8870, 18.2967, 11.5001 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(179, 152, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 203)  
}
```

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(179, 152, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 203) }
```

Border

The CSS property to change the border of an element to YUV 165.8870, 18.2967, 11.5001 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(179, 152, 203) }
```


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

```
.border{ border-color:rgb(179, 152, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 203);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 165.8870, 18.2967, 11.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 203) }
```

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

```
.background{ background-color: rgb(179,  
152, 203) }
```

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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