

Converting Colors

YUV(162.6820, 15.9328,
23.0809)

Have a look what the booklet for
YUV(162.6820, 15.9328, 23.0809)
contains.

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Color

**YUV(162.6820, 15.9328,
23.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8FC3
RGB	189, 143, 195
RGB Percent	74%, 56%, 76%
CMY	0.2588, 0.4392, 0.2353
CMYK	0.03, 0.27, 0.00, 0.24
HSL	293°, 30%, 66%
HSV	293°, 27%, 76%
XYZ	40.6591, 34.4039, 56.1274
YIQ	162.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

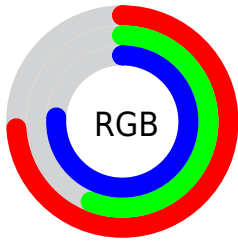
Format	Color
RYB	189, 143, 195
Decimal	12423107
CIELab	65.28, 26.39, -20.22
CIELCh	65, 33.245, 322.538
Yxy	34.4039, 0.3099, 0.2622
Android (android.graphics.Color)	4290613187 (0xFFBD8FC3)
YUV	162.6820, 15.9328, 23.0809
Hunter-Lab	58.6548, 21.0889, -15.6769

Details

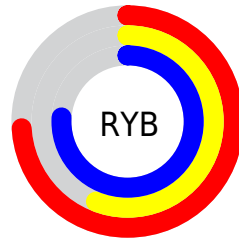
The YUV color **162.6820, 15.9328, 23.0809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.3180, -15.9328, -23.0809**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9210, 16.8009, 24.6253**, and **110.4430, 15.0646, 21.5365** is the 20% darker color. If you saturate the color by 10%, you get **150.9310, 21.7260, 31.6325**, and if you desaturate by 10%, it is **175.0200, 9.8501, 14.0145**.

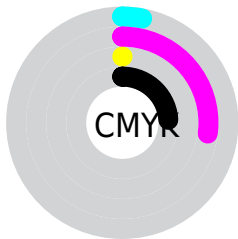
Distribution



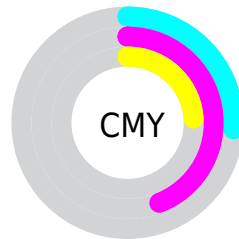
- Red (74%)
- Green (56%)
- Blue (76%)



- Red (74%)
- Yellow (56%)
- Blue (76%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)




- Cyan (26%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.6820, 15.9328, 23.0809 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 162.6820, 15.9328, 23.0809 by changing the saturation by 10% instead.

 162.6820, 15.9328,
23.0809

 162.6820, 15.9328,
23.0809


255.0000, 0.0000,
0.0000

 136.2690, 15.6434,
22.5661

 217.9210, 16.8009,
24.6253


 110.4430, 15.0646,
21.5365


 237.3900, 8.6817,
15.4440

 85.7310, 14.9226,
20.4069

254.4130, 0.2894,
0.5148

 61.9050, 14.3438,
19.3773

 38.4920, 14.0544,
18.8625

 16.4920, 14.0544,
18.8625

 3.3340, 10.1883,

-1.1699

■ 0.0000, 0.0000,
0.0000

■ 162.6820, 15.9328,
23.0809

■ 162.6820, 15.9328,
23.0809

■ 150.9310, 21.7260,
31.6325

■ 175.0200, 9.8501,
14.0145

■ 138.5930, 27.8087,
40.6989

■ 187.0700, 3.9095,
6.0776

■ 126.5430, 33.7493,
48.6358

■ 199.4080, -2.1731,
-2.9888

■ 114.2050, 39.8319,
57.7022

■ 211.1590, -7.9664,
-11.5404

■ 102.4540, 45.6252,
66.2538

■ 223.4970,
-14.0490, -20.6069

90.1160, 51.7078,
75.3203

232.3130,
-18.3953, -26.5845

78.0660, 57.6485,
83.2571

233.2100,
-18.8375, -24.7402

73.9570, 59.6742,
86.8607

233.8080,
-19.1323, -23.5106

234.4060,
-19.4272, -22.2811

Harmonies

Analogous

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



160.1280, 26.0659, -7.1283



162.6820, 15.9328, 23.0809



161.9590, 2.4852, 43.0090

Triad

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



162.6820, 15.9328, 23.0809



156.9990, -28.5935, 24.5569



137.9070, 20.7518, -76.2174

Complementary

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



162.6820, 15.9328, 23.0809



175.3180, -15.9328, -23.0809

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.



144.3540, 2.7835, -52.9305



162.6820, 15.9328, 23.0809



154.6540, -25.4654, 1.1804

Square

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



162.6820, 15.9328, 23.0809



159.1890, -23.2642, 41.9302



149.7630, -14.1802, -25.2252



141.3880, 31.3607, -72.2543

Rectangle

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



162.6820, 15.9328, 23.0809



161.4730, -7.1352, 48.6972



149.7630, -14.1802, -25.2252



140.0450, 14.7678, -70.1995

Sweetspot

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



162.6820, 15.9328, 23.0809



239.6620, 6.0826, 9.0664



152.4500, 20.9772, -8.2876



119.7710, 4.0569, 5.4628



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.



162.6820, 15.9328, 23.0809



202.3490, 24.4779, 35.6509



162.1960, 6.3124, 28.7691



90.8310, 3.0413, 4.5332



60.8120, 49.3927, 71.2019



12.4330, 10.1395, 14.5293

Inverse Universe

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



159.2320, -5.0444, 31.3685



196.9460, -7.8614, 48.2824



175.8040, -6.3124, -28.7691



90.1040, -1.0373, 6.0478



50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 162.6820, 15.9328, 23.0809 looks on a white background.

Color Contrast Check

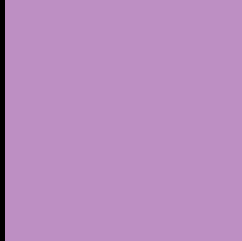
Large Text (above 18pt) WCAG AA × Fail

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 162.6820, 15.9328, 23.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

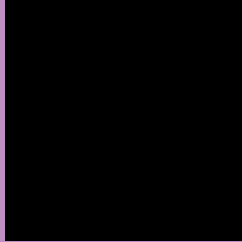
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.6820, 15.9328, 23.0809

Background



This preview shows how black text looks on a background with the YUV color 162.6820, 15.9328, 23.0809.



This preview shows how white text looks on a background with the YUV color 162.6820, 15.9328,

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

162.6820, 15.9328, 23.0809

Protanopia

159.1830, 22.5878, -11.5615

Deuteranopia

159.9300, 16.3035, -2.5696



Tritanopia

160.8330, 0.0823, 20.3175

Trichromacy



Original Color

162.6820, 15.9328, 23.0809

Protanomaly

160.5760, 19.9290, 1.2488

Deuteranomaly

161.2840, 16.1290, 6.7669

Tritanomaly

161.6250, 5.6079, 21.3769

Monochromacy



Original Color

162.6820, 15.9328, 23.0809

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9500, 5.9407, 7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6820, 15.9328, 23.0809 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(189, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 195)  
}
```

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(189, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 195) }
```

Border

The CSS property to change the border of an element to YUV 162.6820, 15.9328, 23.0809 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(189, 143, 195) }
```


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

```
.border{ border-color:rgb(189, 143, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 162.6820, 15.9328, 23.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 195) }
```

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

```
.background{ background-color: rgb(189,  
143, 195) }
```

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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