

Converting Colors

YUV(162.4560, 45.6242,
19.7711)

Have a look what the booklet for
YUV(162.4560, 45.6242, 19.7711)
contains.

YUV(162.4560, 45.6242, 19.7711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.4560, 45.6242,
19.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	B985FF
RGB	185, 133, 255
RGB Percent	73%, 52%, 100%
CMY	0.2745, 0.4784, 0.0000
CMYK	0.27, 0.48, 0.00, 0.00
HSL	266°, 100%, 76%
HSV	266°, 48%, 100%
XYZ	46.4451, 34.3093, 98.7822
YIQ	162.4560, -8.1700, 48.9660

Conversions

Conversions Part 2

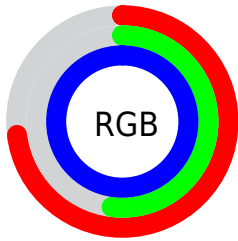
Format	Color
RYB	185, 133, 255
Decimal	12158463
CIELab	65.21, 43.79, -53.60
CIELCh	65, 69.217, 309.250
Yxy	34.3093, 0.2587, 0.1911
Android (android.graphics.Color)	4290348543 (0xFFB985FF)
YUV	162.4560, 45.6242, 19.7711
Hunter-Lab	58.5742, 39.0328, -58.9874

Details

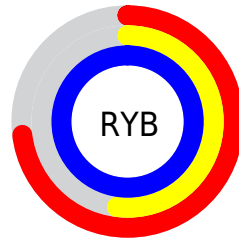
The YUV color **162.4560, 45.6242, 19.7711** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **225.5440, -45.6242, -19.7711**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4960, 21.4475, 27.6290**, and **109.2770, 43.7404, 17.2971** is the 20% darker color. If you saturate the color by 10%, you get **143.2960, 55.0701, 23.4194**, and if you desaturate by 10%, it is **182.2030, 35.8889, 15.6080**.

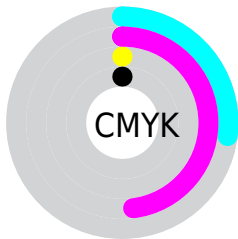
Distribution



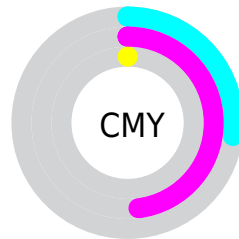
- Red (73%)
- Green (52%)
- Blue (100%)



- Red (73%)
- Yellow (52%)
- Blue (100%)



- Cyan (27%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)




- Cyan (27%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.4560, 45.6242, 19.7711 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 162.4560, 45.6242, 19.7711 by changing the saturation by 10% instead.


 162.4560, 45.6242,
19.7711


 162.4560, 45.6242,
19.7711


255.0000, 0.0000,
0.0000

 135.5160, 44.6086,
18.8415

 211.4960, 21.4475,
27.6290


 109.2770, 43.7404,
17.2971


 231.5200, 11.5756,
20.5920

 83.0380, 42.8723,
15.7527

 248.5430, 3.1833,
5.6628

 57.5000, 42.1515,
13.5935

 30.0160, 42.8831,
12.2640

 12.7660, 38.5694,
-4.1798

 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 162.4560, 45.6242,
19.7711

■ 162.4560, 45.6242,
19.7711

■ 143.2960, 55.0701,
23.4194

■ 182.2030, 35.8889,
15.6080

■ 123.8480, 64.6579,
28.1973

■ 201.0640, 26.5904,
11.3449

■ 104.6880, 74.1038,
31.8456

■ 220.8110, 16.8552,
7.1818

■ 84.9410, 83.8391,
36.0087

■ 239.9710, 7.4093,
3.5334

■ 66.0800, 93.1376, 255.0000, 0.0000,
40.2718 0.0000

■ 61.6610, 95.3161,
41.5163

Harmonies

Analogous

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



133.7650, 59.7689, -83.9859



162.4560, 45.6242, 19.7711



159.3310, 22.0218, 76.8857

Triad

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



162.4560, 45.6242, 19.7711



151.8040, -59.5564, 62.4389



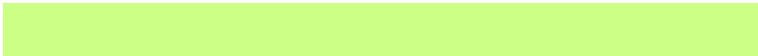
129.8330, 22.7603, -113.8635

Complementary

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



162.4560, 45.6242, 19.7711



225.5440, -45.6242, -19.7711

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.



120.7760, -4.3266, -105.9206



162.4560, 45.6242, 19.7711



146.2230, -72.0879, 21.7294

Square

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



162.4560, 45.6242, 19.7711



152.0380, -34.0357, 90.2977



140.1510, -42.9654, -32.5814



135.3850, 49.1102, -118.7326

Rectangle

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



162.4560, 45.6242, 19.7711



151.1790, 5.8278, 91.0510



140.1510, -42.9654, -32.5814



127.4390, 13.5876, -111.7640

Sweetspot

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



162.4560, 45.6242, 19.7711



227.8880, 13.3662, 6.2372



188.5850, 32.7426, -48.7480



111.1990, 8.2829, 3.3335



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.



162.4560, 45.6242, 19.7711



145.0680, 54.1965, 23.6194



180.3960, 36.7798, 56.6577



117.9770, 4.9413, 1.7742



46.2920, 71.3410, 31.3159



15.3690, 23.9751, 10.2004

Inverse Universe

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



177.4580, 12.5922, 68.0043



162.8170, 14.8802, 80.8445



207.6040, -36.7798, -56.6577



119.6850, 1.1413, 7.2923



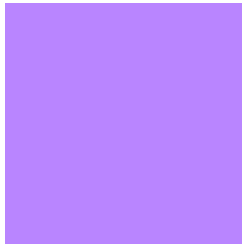
69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 162.4560, 45.6242, 19.7711 looks on a white background.

Color Contrast Check

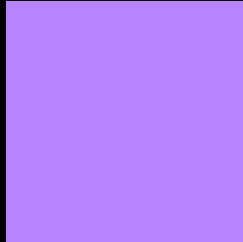
Large Text (above 18pt) WCAG AA × Fail

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 162.4560, 45.6242, 19.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

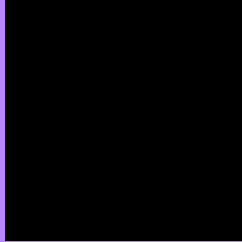
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.4560, 45.6242, 19.7711

Background



This preview shows how black text looks on a background with the YUV color 162.4560, 45.6242, 19.7711.



This preview shows how white text looks on a background with the YUV color 162.4560, 45.6242, 19.7711.

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

162.4560, 45.6242, 19.7711

Protanopia

155.6360, 48.9865, -32.1298

Deuteranopia

153.5380, 47.5558, -39.9368



Tritanopia

159.8530, 3.0305, 8.0219

Trichromacy



Original Color

162.4560, 45.6242, 19.7711

Protanomaly

158.1160, 47.7638, -13.2567

Deuteranomaly

156.8550, 46.9065, -18.2898

Tritanomaly

160.5990, 18.4387, 12.6297

Monochromacy



Original Color

162.4560, 45.6242, 19.7711

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8110, 16.8552, 7.1818

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4560, 45.6242, 19.7711 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(185, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 133, 255)  
}
```

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(185, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 133, 255) }
```

Border

The CSS property to change the border of an element to YUV 162.4560, 45.6242, 19.7711 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(185, 133, 255) }
```


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

```
.border{ border-color:rgb(185, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 133,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 162.4560, 45.6242, 19.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 133, 255) }
```

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

```
.background{ background-color: rgb(185,  
133, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor