

Converting Colors

YUV(165.8310, 26.7053,
21.1962)

Have a look what the booklet for
YUV(165.8310, 26.7053, 21.1962)
contains.

YUV(165.8310, 26.7053, 21.1962)	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(165.8310, 26.7053,
21.1962)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8FDC
RGB	190, 143, 220
RGB Percent	75%, 56%, 86%
CMY	0.2549, 0.4392, 0.1373
CMYK	0.14, 0.35, 0.00, 0.14
HSL	277°, 52%, 71%
HSV	277°, 35%, 86%
XYZ	43.9759, 35.7594, 72.2946
YIQ	165.8310, 3.2950, 33.9110

Conversions

Conversions Part 2

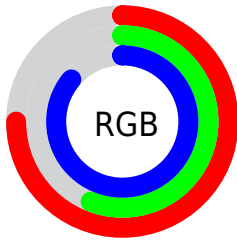
Format	Color
RYB	190, 143, 220
Decimal	12488668
CIELab	66.34, 31.82, -32.52
CIELCh	66, 45.502, 314.379
Yxy	35.7594, 0.2893, 0.2352
Android (android.graphics.Color)	4290678748 (0xFFBE8FDC)
YUV	165.8310, 26.7053, 21.1962
Hunter-Lab	59.7991, 26.6193, -29.8197

Details

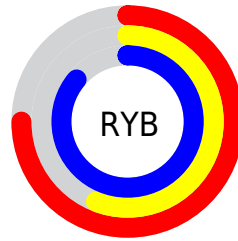
The YUV color **165.8310, 26.7053, 21.1962** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **197.1690, -26.7053, -21.1962**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5620, 17.9639, 24.9401**, and **113.1790, 25.5478, 19.1370** is the 20% darker color. If you saturate the color by 10%, you get **150.2260, 34.3986, 26.9888**, and if you desaturate by 10%, it is **181.4360, 19.0121, 15.4036**.

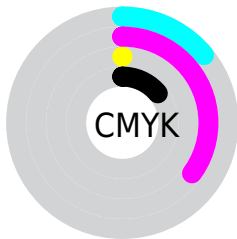
Distribution



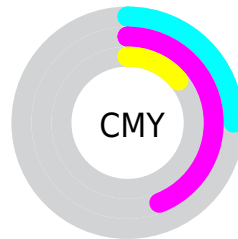
- Red (75%)
- Green (56%)
- Blue (86%)



- Red (75%)
- Yellow (56%)
- Blue (86%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8310, 26.7053, 21.1962 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 165.8310, 26.7053, 21.1962 by changing the saturation by 10% instead.

■ 165.8310, 26.7053,
21.1962

■ 165.8310, 26.7053,
21.1962

255.0000, 0.0000,
0.0000

■ 139.0050, 26.1265,
20.1666

■ 218.5620, 17.9639,
24.9401

■ 113.1790, 25.5478,
19.1370

■ 237.3900, 8.6817,
15.4440

■ 88.2390, 24.5322,
18.2074

254.4130, 0.2894,
0.5148

■ 63.7120, 23.8060,
17.7926

■ 40.0000, 23.6640,
16.6630

■ 17.7610, 22.7958,
15.1186

■ 6.7670, 16.8769,

0.2043

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 165.8310, 26.7053,
21.1962

■ 165.8310, 26.7053,
21.1962

■ 150.2260, 34.3986,
26.9888

■ 181.4360, 19.0121,
15.4036

■ 134.9200, 41.9444,
33.3962

■ 196.7420, 11.4662,
8.9963

■ 119.3150, 49.6377,
39.1887

■ 212.3470, 3.7729,
3.2037

■ 104.0090, 57.1836,
45.5961

■ 227.6530, -3.7729,
-3.2037

88.4040, 64.8768,
51.3887

243.2580,
-11.4662, -8.9963

73.0980, 72.4227,
57.7961

246.8240,
-13.2242, -5.1076

65.1460, 76.3430,
60.3850

249.5150,
-14.5509, 0.4253

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



159.5630, 39.6554, -25.9268



165.8310, 26.7053, 21.1962



164.8600, 9.4360, 53.6198

Triad

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



165.8310, 26.7053, 21.1962



158.9810, -37.9516, 39.4817



127.3540, 25.9545, -111.6895

Complementary

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



165.8310, 26.7053, 21.1962



197.1690, -26.7053, -21.1962

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.



139.6200, -0.7987, -70.7037



165.8310, 26.7053, 21.1962



155.7940, -37.8594, 9.8277

Square

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



165.8310, 26.7053, 21.1962



161.2730, -27.2496, 60.2736



150.4180, -24.3631, -25.7996



130.3980, 42.6948, -114.3590

Rectangle

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



165.8310, 26.7053, 21.1962



163.3100, -3.1108, 64.6261



150.4180, -24.3631, -25.7996



125.7580, 19.8393, -110.2898

Sweetspot

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



165.8310, 26.7053, 21.1962



235.2750, 9.7244, 7.6518



169.9750, 24.6623, -23.6571



115.9280, 5.9515, 4.4481



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.



165.8310, 26.7053, 21.1962



179.6330, 37.1559, 29.2629



173.8890, 18.7887, 40.4393



102.0480, 3.9203, 2.5889



51.4160, 59.9409, 47.8702



13.6160, 15.9653, 12.6148

Inverse Universe

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



169.4430, 1.7536, 44.3385



184.7810, 2.5730, 61.5821



189.1110, -18.7887, -40.4393



102.7450, 0.1257, 6.3626



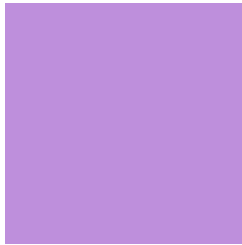
59.4790, 4.2009, 99.5579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 165.8310, 26.7053, 21.1962 looks on a white background.

Color Contrast Check

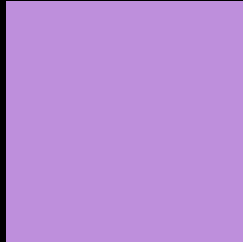
Large Text (above 18pt) WCAG AA × Fail

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 165.8310, 26.7053, 21.1962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

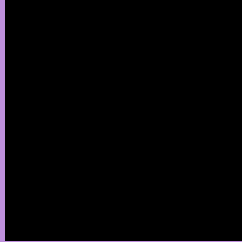
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8310, 26.7053, 21.1962

Background



This preview shows how black text looks on a background with the YUV color 165.8310, 26.7053, 21.1962.



This preview shows how white text looks on a background with the YUV color 165.8310, 26.7053,

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

165.8310, 26.7053, 21.1962

Protanopia

161.1570, 35.4186, -20.3087

Deuteranopia

161.7250, 27.2506, -13.7908



Tritanopia

163.4410, 1.2616, 15.3992

Trichromacy



Original Color

165.8310, 26.7053, 21.1962

Protanomaly

162.7460, 32.1702, -5.0392

Deuteranomaly

163.1010, 27.0652, -0.9656

Tritanomaly

164.2700, 10.7129, 17.3032

Monochromacy



Original Color

165.8310, 26.7053, 21.1962

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2750, 9.7244, 7.6518

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8310, 26.7053, 21.1962 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(190, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 143, 220)  
}
```

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(190, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 143, 220) }
```

Border

The CSS property to change the border of an element to YUV 165.8310, 26.7053, 21.1962 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(190, 143, 220) }
```


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

```
.border{ border-color:rgb(190, 143, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 143, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 143,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 165.8310, 26.7053, 21.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 143, 220) }
```

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

```
.background{ background-color: rgb(190,  
143, 220) }
```

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