

Converting Colors

YUV(163.1480, 19.1540,
16.5332)

Have a look what the booklet for
YUV(163.1480, 19.1540, 16.5332)
contains.

YUV(163.1480, 19.1540, 16.5332)	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(163.1480, 19.1540,
16.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	B692CA
RGB	182, 146, 202
RGB Percent	71%, 57%, 79%
CMY	0.2863, 0.4275, 0.2078
CMYK	0.10, 0.28, 0.00, 0.21
HSL	279°, 35%, 68%
HSV	279°, 28%, 79%
XYZ	40.2310, 34.7671, 60.4674
YIQ	163.1480, 3.4800, 25.0480

Conversions

Conversions Part 2

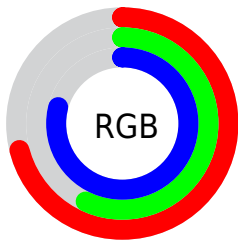
Format	Color
RYB	182, 146, 202
Decimal	11965130
CIELab	65.57, 23.83, -23.76
CIELCh	66, 33.653, 315.087
Yxy	34.7671, 0.2970, 0.2566
Android (android.graphics.Color)	4290155210 (0xFFB692CA)
YUV	163.1480, 19.1540, 16.5332
Hunter-Lab	58.9637, 18.6043, -19.5276

Details

The YUV color $163.1480, 19.1540, 16.5332$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $184.8520, -19.1540, -16.5332$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.6320, 18.4224, 17.8627$, and $110.9090, 18.2859, 14.9888$ is the 20% darker color. If you saturate the color by 10%, you get $149.3150, 25.9737, 22.5257$, and if you desaturate by 10%, it is $176.9810, 12.3344, 10.5407$.

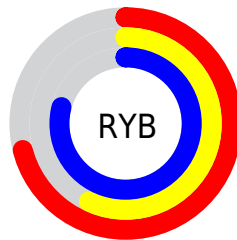
Distribution



Red (71%)

Green (57%)

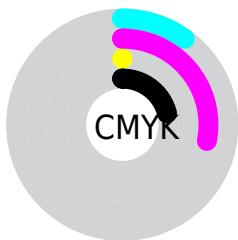
Blue (79%)



Red (71%)

Yellow (57%)

Blue (79%)

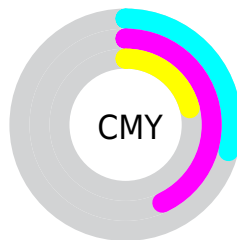


Cyan (10%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (43%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1480, 19.1540, 16.5332 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 163.1480, 19.1540, 16.5332 by changing the saturation by 10% instead.

■ 163.1480, 19.1540,
16.5332

■ 163.1480, 19.1540,
16.5332

255.0000, 0.0000,
0.0000

■ 136.7350, 18.8646,
16.0184

■ 217.6320, 18.4224,
17.8627

■ 110.9090, 18.2859,
14.9888

■ 239.1510, 7.8136,
13.8996

■ 86.3820, 17.5597,
14.5740

■ 62.5560, 16.9809,
13.5444

■ 39.7300, 16.4021,
12.5148

■ 17.6160, 15.9653,
12.6148

■ 3.3060, 12.6671,

-2.8994

■ 0.0000, 0.0000,
0.0000

■ 163.1480, 19.1540,
16.5332

■ 163.1480, 19.1540,
16.5332

■ 149.3150, 25.9737,
22.5257

■ 176.9810, 12.3344,
10.5407

■ 135.4820, 32.7934,
28.5183

■ 190.8140, 5.5147,
4.5481

■ 120.7630, 40.0498,
34.4108

■ 205.5330, -1.7418,
-1.3444

■ 106.9300, 46.8695,
40.4034

■ 219.3660, -8.5614,
-7.3370

■ 93.0970, 53.6892,
46.3959

■ 233.1990,
-15.3811, -13.3295

79.2640, 60.5088,
52.3885

239.9880,
-18.7281, -13.1445

65.4310, 67.3285,
58.3810

242.0810,
-19.7599, -8.8410

61.8980, 69.0703,
59.7255

244.4730,
-20.9392, -3.9228

246.5660,
-21.9710, 0.3806

Harmonies

Analogous

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



159.0560, 28.5664, -15.8351



163.1480, 19.1540, 16.5332



163.5610, 6.1324, 39.8500

Triad

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



163.1480, 19.1540, 16.5332



158.4450, -28.3204, 30.3047



139.8920, 16.8152, -73.5733

Complementary

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



163.1480, 19.1540, 16.5332



184.8520, -19.1540, -16.5332

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.



146.2470, -1.6008, -46.6976



163.1480, 19.1540, 16.5332



155.5300, -27.3763, 7.4282

Square

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



163.1480, 19.1540, 16.5332



160.1940, -20.8016, 45.4339



151.8840, -17.6908, -19.1923



139.4150, 30.3614, -78.4170

Rectangle

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



163.1480, 19.1540, 16.5332



162.3850, -3.6408, 47.8974



151.8840, -17.6908, -19.1923



142.3400, 10.6784, -65.1962

Sweetspot

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



163.1480, 19.1540, 16.5332



241.1670, 6.8197, 5.9925



164.7110, 18.3835, -16.4095



118.8740, 4.4991, 3.6185



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.



163.1480, 19.1540, 16.5332



196.7220, 28.7311, 24.7998



168.3300, 13.1483, 29.5286



94.9340, 3.4835, 2.6889



50.9170, 56.7359, 49.1848



11.8070, 12.9131, 11.5703

Inverse Universe

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



165.0240, 0.4812, 32.4280



199.5360, 0.7218, 48.6419



179.6700, -13.1483, -29.5286



95.3320, -0.1637, 5.8478



56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 163.1480, 19.1540, 16.5332 looks on a white background.

Color Contrast Check

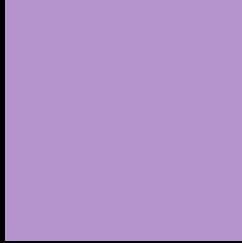
Large Text (above 18pt) WCAG AA × Fail

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 163.1480, 19.1540, 16.5332 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 163.1480, 19.1540, 16.5332

Background



This preview shows how black text looks on a background with the YUV color 163.1480, 19.1540, 16.5332.



This preview shows how white text looks on a background with the YUV color 163.1480, 19.1540,

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

163.1480, 19.1540, 16.5332

Protanopia

160.0410, 24.6298, -13.1910

Deuteranopia

160.4180, 19.5139, -5.6286



Tritanopia

161.2450, 1.8512, 12.9401

Trichromacy



Original Color

163.1480, 19.1540, 16.5332

Protanomaly

161.2380, 22.5607, -2.8397

Deuteranomaly

161.1740, 19.6342, 2.4784

Tritanomaly

161.5640, 8.1029, 14.4144

Monochromacy



Original Color

163.1480, 19.1540, 16.5332

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1670, 6.8197, 5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1480, 19.1540, 16.5332 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(182, 146, 202)` looks like.

```
.text, #text, p{  
    color:rgb(182, 146, 202)  
}
```

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(182, 146, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 146, 202) }
```

Border

The CSS property to change the border of an element to YUV 163.1480, 19.1540, 16.5332 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(182, 146, 202) }
```


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

```
.border{ border-color:rgb(182, 146, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 146, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 146, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 146, 202);  
box-shadow:4px 4px 4px 4px rgb(182, 146,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 163.1480, 19.1540, 16.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 146, 202) }
```

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

```
.background{ background-color: rgb(182,  
146, 202) }
```

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