

# Converting Colors

YUV(163.3780, 13.6176,  
18.9625)

Have a look what the booklet for  
YUV(163.3780, 13.6176, 18.9625)  
contains.

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# Color

**YUV(163.3780, 13.6176,  
18.9625)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B993BF
RGB	185, 147, 191
RGB Percent	73%, 58%, 75%
CMY	0.2745, 0.4235, 0.2510
CMYK	0.03, 0.23, 0.00, 0.25
HSL	292°, 26%, 66%
HSV	292°, 23%, 75%
XYZ	39.8453, 34.9433, 53.9349
YIQ	163.3780, 8.5240, 21.7400

# Conversions

## Conversions Part 2

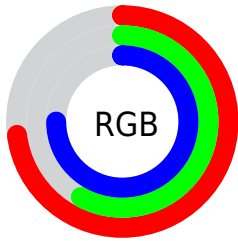
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 147, 191
Decimal	12161983
CIE <sub>Lab</sub>	65.70, 22.04, -17.38
CIE <sub>LCh</sub>	66, 28.063, 321.743
Yxy	34.9433, 0.3095, 0.2715
Android (android.graphics.Color)	4290352063 (0xFFB993BF)
YUV	163.3780, 13.6176, 18.9625
Hunter-Lab	59.1129, 16.8711, -12.7175

# Details

The YUV color **163.3780, 13.6176, 18.9625** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.6220, -13.6176, -18.9625**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2040, 14.1964, 19.9921**, and **111.1390, 12.7495, 17.4181** is the 20% darker color. If you saturate the color by 10%, you get **151.3280, 19.5583, 26.8993**, and if you desaturate by 10%, it is **175.4280, 7.6770, 11.0256**.

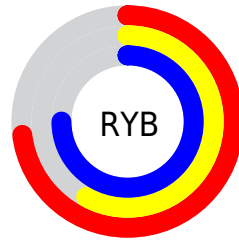
# Distribution



Red (73%)

Green (58%)

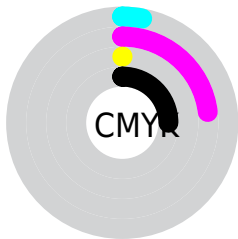
Blue (75%)



Red (73%)

Yellow (58%)

Blue (75%)

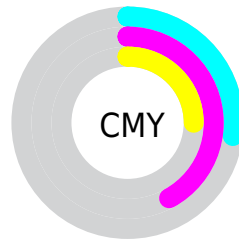


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (42%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.3780, 13.6176, 18.9625 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 163.3780, 13.6176, 18.9625 by changing the saturation by 10% instead.



■ 163.3780, 13.6176,  
18.9625

■ 163.3780, 13.6176,  
18.9625

255.0000, 0.0000,  
0.0000

■ 136.9650, 13.3283,  
18.4477

■ 218.2040, 14.1964,  
19.9921

■ 111.1390, 12.7495,  
17.4181

■ 239.7380, 7.5242,  
13.3848

■ 86.7260, 12.4601,  
16.9033

■ 62.9000, 11.8813,  
15.8737

■ 40.4870, 11.5919,  
15.3589

■ 18.1880, 11.7393,  
14.7441

■ 2.3940, 9.1728,

-2.0995

■ 0.0000, 0.0000,  
0.0000

■ 163.3780, 13.6176,  
18.9625

■ 163.3780, 13.6176,  
18.9625

■ 151.3280, 19.5583,  
26.8993

■ 175.4280, 7.6770,  
11.0256

■ 139.5770, 25.3515,  
35.4510

■ 187.1790, 1.8838,  
2.4740

■ 127.5270, 31.2922,  
43.3878

■ 199.2290, -4.0569,  
-5.4628

■ 115.7760, 37.0854,  
51.9394

■ 210.9800, -9.8501,  
-14.0145

■ 103.1390, 43.3155,  
60.3911

■ 223.6170,  
-16.0802, -22.4661

91.0890, 49.2561,  
68.3279

231.5580,  
-19.9951, -26.7994

79.3380, 55.0494,  
76.8796

232.1560,  
-20.2899, -25.5698

71.1090, 59.1063,  
82.3424

233.0530,  
-20.7321, -23.7255

233.6510,  
-21.0269, -22.4959

# Harmonies

## Analogous

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



161.1020, 22.1347, -6.2285



163.3780, 13.6176, 18.9625



163.8010, 2.0701, 36.1315

# Triad

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



163.3780, 13.6176, 18.9625



159.1280, -24.2201, 21.8127



145.9480, 15.3086, -56.9594

# Complementary

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



163.3780, 13.6176, 18.9625



174.6220, -13.6176, -18.9625

# 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.



149.0780, 1.4405, -42.1644



163.3780, 13.6176, 18.9625



156.2780, -21.8291, 1.5102

# Square

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



163.3780, 13.6176, 18.9625



160.4810, -19.4641, 36.4122



153.2520, -12.4492, -20.3920



148.0760, 24.6125, -54.4407



# Rectangle

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



163.3780, 13.6176, 18.9625



162.6570, -6.2399, 41.5198



153.2520, -12.4492, -20.3920



147.1180, 10.7878, -53.6005

# Sweetspot

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



163.3780, 13.6176, 18.9625



236.4230, 5.2145, 7.5220



156.1250, 17.1934, -8.0026



118.8310, 3.0413, 4.5332



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.3780, 13.6176, 18.9625



203.8060, 21.2946, 29.9881



163.4620, 6.1812, 24.1508



88.4180, 2.7519, 4.0184



58.9750, 48.8193, 68.4279



11.3080, 9.7082, 12.8849



# Inverse Universe

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



160.8400, -3.8651, 26.4503



199.7710, -5.8031, 41.4198



174.5380, -6.1812, -24.1508



87.8050, -0.8899, 5.4330



49.7500, -13.6807, 94.9352

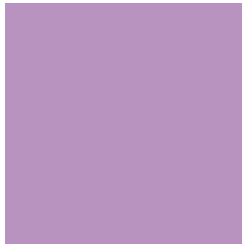


9.7250, -2.8224, 18.6582



# Previews

## White Background



This preview shows how the YUV color 163.3780, 13.6176, 18.9625 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

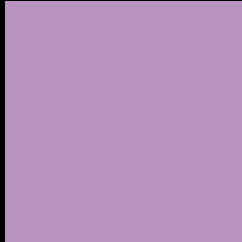
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 163.3780, 13.6176, 18.9625 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

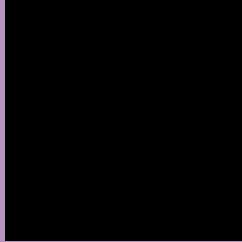
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 163.3780, 13.6176, 18.9625

## Background



This preview shows how black text looks on a background with the YUV color 163.3780, 13.6176, 18.9625.



This preview shows how white text looks on a background with the YUV color 163.3780, 13.6176, 18.9625.



# 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

163.3780, 13.6176, 18.9625

### Protanopia

160.2820, 19.0880, -9.0173

### Deuteranopia

161.2570, 13.6773, -0.2254



## Tritanopia

162.0390, 0.9668, 16.6288

# Trichromacy



## Original Color

163.3780, 13.6176, 18.9625

## Protanomaly

161.4790, 17.0189, 1.3339

## Deuteranomaly

162.3010, 13.6556, 6.7520

## Tritanomaly

162.3040, 5.7661, 17.2734

# Monochromacy



## Original Color

163.3780, 13.6176, 18.9625

## Achromatopsia

163.0000, 0.0000, 0.0000

## Achromatomaly

163.0100, 4.9251, 7.0072

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.3780, 13.6176, 18.9625 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, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 147, 191)  
}
```

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, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 147, 191) }
```

## Border

The CSS property to change the border of an element to YUV 163.3780, 13.6176, 18.9625 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, 147, 191) }
```



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

```
.border{ border-color:rgb(185, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 147, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 147, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 147,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 163.3780, 13.6176, 18.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 147, 191) }
```

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

```
.background{ background-color: rgb(185,  
147, 191) }
```

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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