

# Converting Colors

YUV(145.6380, 15.9545,  
16.1035)

Have a look what the booklet for  
YUV(145.6380, 15.9545, 16.1035)  
contains.

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# Color

**YUV(145.6380, 15.9545,  
16.1035)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A482B2
RGB	164, 130, 178
RGB Percent	64%, 51%, 70%
CMY	0.3569, 0.4902, 0.3020
CMYK	0.08, 0.27, 0.00, 0.30
HSL	283°, 24%, 60%
HSV	283°, 27%, 70%
XYZ	31.3284, 27.0721, 45.6937
YIQ	145.6380, 4.8560, 22.1360

# Conversions

## Conversions Part 2

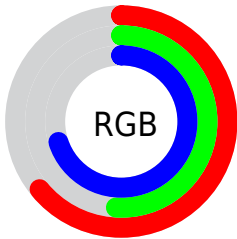
Format	Color
<a href="#">RYB</a>	<a href="#">164, 130, 178</a>
Decimal	<a href="#">10781362</a>
CIELab	<a href="#">59.04, 21.93, -20.36</a>
CIELCh	<a href="#">59, 29.923, 317.135</a>
Yxy	<a href="#">27.0721, 0.3010, 0.2601</a>
Android (android.graphics.Color)	<a href="#">4288971442 (0xFFA482B2)</a>
YUV	<a href="#">145.6380, 15.9545, 16.1035</a>
Hunter-Lab	<a href="#">52.0309, 16.4227, -15.6471</a>

# Details

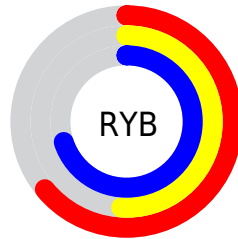
The YUV color **145.6380, 15.9545, 16.1035** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.3620, -15.9545, -16.1035**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5780, 16.9700, 17.0331**, and **94.6980, 14.9389, 15.1739** is the 20% darker color. If you saturate the color by 10%, you get **133.5770, 21.9005, 22.2960**, and if you desaturate by 10%, it is **157.6990, 10.0084, 9.9110**.

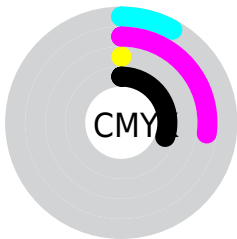
# Distribution



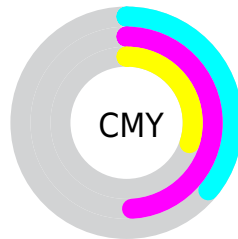
- Red (64%)
- Green (51%)
- Blue (70%)



- Red (64%)
- Yellow (51%)
- Blue (70%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)




- Cyan (36%)
- Magenta (49%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 145.6380, 15.9545, 16.1035 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 145.6380, 15.9545, 16.1035 by changing the saturation by 10% instead.





 145.6380, 15.9545,  
16.1035


 145.6380, 15.9545,  
16.1035


255.0000, 0.0000,  
0.0000


 119.8120, 15.3757,  
15.0739


 199.5780, 16.9700,  
17.0331


 94.6980, 14.9389,  
15.1739


 227.0790, 13.7651,  
18.3477

 70.8720, 14.3601,  
14.1443

 245.6080, 4.6303,  
8.2368

 48.0460, 13.7813,  
13.1147

 25.6330, 13.4919,  
12.5999

 9.9270, 10.8820,  
9.7110

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 145.6380, 15.9545,  
16.1035

■ 145.6380, 15.9545,  
16.1035

■ 133.5770, 21.9005,  
22.2960

■ 157.6990, 10.0084,  
9.9110

■ 121.5160, 27.8466,  
28.4885

■ 169.7600, 4.0623,  
3.7185

■ 109.7430, 33.6507,  
33.5514

■ 181.5330, -1.7418,  
-1.3444

■ 97.6820, 39.5968,  
39.7439

■ 193.5940, -7.6878,  
-7.5369

■ 85.6210, 45.5428,  
45.9364

■ 205.6550,  
-13.6339, -13.7294

73.5600, 51.4889,  
52.1289

217.7160,  
-19.5800, -19.9219

61.4990, 57.4350,  
58.3214

229.7770,  
-25.5261, -26.1144

57.9660, 59.1768,  
59.6658

231.5710,  
-26.4105, -22.4258

233.0660,  
-27.1475, -19.3519

# Harmonies

## Analogous

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



142.0520, 24.6244, -11.4466



145.6380, 15.9545, 16.1035



145.4850, 4.6909, 35.5317

# Triad

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



145.6380, 15.9545, 16.1035



141.6230, -24.9571, 24.8866



125.6160, 15.4723, -62.8072

# Complementary

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



145.6380, 15.9545, 16.1035



162.3620, -15.9545, -16.1035

# 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.



131.2090, -0.5960, -42.2793



145.6380, 15.9545, 16.1035



138.8440, -23.5871, 5.3988

# Square

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



145.6380, 15.9545, 16.1035



143.3180, -18.8908, 39.1861



135.6930, -14.6386, -18.1478



126.4660, 26.3923, -65.3067



# Rectangle

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



145.6380, 15.9545, 16.1035



144.9390, -3.9139, 42.1495



135.6930, -14.6386, -18.1478



126.9820, 10.3619, -56.9892

# Sweetspot

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



145.6380, 15.9545, 16.1035



219.3520, 6.2355, 6.7073



143.6900, 16.9148, -12.0061



109.6460, 3.6255, 3.8185



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



145.6380, 15.9545, 16.1035



181.9840, 24.6579, 24.5700



148.6840, 9.5228, 25.7101



83.1190, 2.8993, 3.4036



49.7340, 50.9101, 51.0993



8.3460, 8.7034, 8.4666



# Inverse Universe

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



145.9480, -0.9604, 28.1096



182.5200, -1.7354, 43.3940



159.3160, -9.5228, -25.7101



83.0330, -0.0163, 5.2331



50.8770, -2.8974, 89.5619

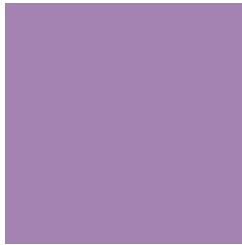


8.5720, -0.7750, 15.2844



# Previews

## White Background



This preview shows how the YUV color 145.6380, 15.9545, 16.1035 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

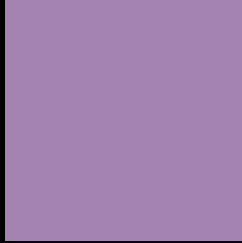
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.6380, 15.9545, 16.1035 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 × Fail

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

# YUV 145.6380, 15.9545, 16.1035

## Background



This preview shows how black text looks on a background with the YUV color 145.6380, 15.9545, 16.1035.



This preview shows how white text looks on a background with the YUV color 145.6380, 15.9545,



# 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

145.6380, 15.9545, 16.1035

### Protanopia

142.8410, 21.2774, -11.2616

### Deuteranopia

143.2180, 16.1615, -3.6992



## Tritanopia

144.1310, 1.4144, 13.0401

# Trichromacy



## Original Color

145.6380, 15.9545, 16.1035

## Protanomaly

143.7390, 19.3557, -1.5251

## Deuteranomaly

144.2620, 16.1398, 3.2782

## Tritanomaly

144.8090, 6.5032, 14.1995

# Monochromacy



## Original Color

145.6380, 15.9545, 16.1035

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

145.9390, 5.9461, 6.1925

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.6380, 15.9545, 16.1035 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(164, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(164, 130, 178)  
}
```

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(164, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 130, 178) }
```

## Border

The CSS property to change the border of an element to YUV 145.6380, 15.9545, 16.1035 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(164, 130, 178) }
```



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

```
.border{ border-color:rgb(164, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(164, 130,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 145.6380, 15.9545, 16.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 130, 178) }
```

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

```
.background{ background-color: rgb(164,  
130, 178) }
```

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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