

# Converting Colors

YUV(142.1480, 19.1540,  
16.5332)

Have a look what the booklet for  
YUV(142.1480, 19.1540, 16.5332)  
contains.

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# Color

**YUV(142.1480, 19.1540,  
16.5332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A17DB5
RGB	161, 125, 181
RGB Percent	63%, 49%, 71%
CMY	0.3686, 0.5098, 0.2902
CMYK	0.11, 0.31, 0.00, 0.29
HSL	279°, 27%, 60%
HSV	279°, 31%, 71%
XYZ	30.3720, 25.5805, 47.0528
YIQ	142.1480, 3.4800, 25.0480

# Conversions

## Conversions Part 2

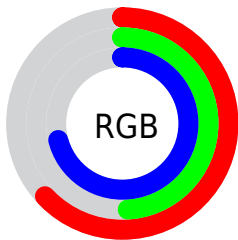
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 125, 181
Decimal	10583477
CIELab	57.64, 24.43, -24.25
CIELCh	58, 34.423, 315.220
Yxy	25.5805, 0.2949, 0.2483
Android (android.graphics.Color)	4288773557 (0xFFA17DB5)
YUV	142.1480, 19.1540, 16.5332
Hunter-Lab	50.5772, 18.6808, -19.7545

# Details

The YUV color **142.1480, 19.1540, 16.5332** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.8520, -19.1540, -16.5332**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0880, 20.1696, 17.4628**, and **91.7950, 17.8491, 15.0888** is the 20% darker color. If you saturate the color by 10%, you get **129.7880, 25.2475, 22.1109**, and if you desaturate by 10%, it is **154.5080, 13.0606, 10.9555**.

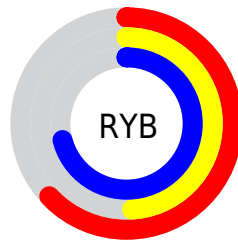
# Distribution



Red (63%)

Green (49%)

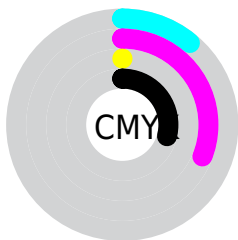
Blue (71%)



Red (63%)

Yellow (49%)

Blue (71%)

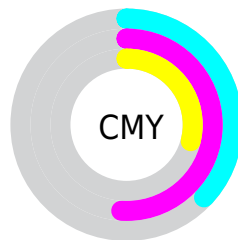


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (37%)

Magenta (51%)


Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.1480, 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 142.1480, 19.1540, 16.5332 by changing the saturation by 10% instead.





 142.1480, 19.1540,  
16.5332


 142.1480, 19.1540,  
16.5332


255.0000, 0.0000,  
0.0000

 116.3220, 18.5753,  
15.5036


 196.0880, 20.1696,  
17.4628


 91.7950, 17.8491,  
15.0888


 223.2470, 15.6542,  
19.0774

 67.3820, 17.5597,  
14.5740

 242.6730, 6.0772,  
10.8108

 44.4420, 16.5441,  
13.6444

 21.7300, 16.4021,  
12.5148

 7.7630, 12.9348,  
4.5928

 0.7980, 3.0576,

-0.6998

0.0000, 0.0000,  
0.0000

142.1480, 19.1540,  
16.5332

142.1480, 19.1540,  
16.5332

129.7880, 25.2475,  
22.1109

154.5080, 13.0606,  
10.9555

117.1290, 31.4884,  
27.0739

167.1670, 6.8197,  
5.9925

104.7690, 37.5819,  
32.6516

179.5270, 0.7262,  
0.4148

92.1100, 43.8228,  
37.6145

192.1860, -5.5147,  
-4.5481

79.7500, 49.9162,  
43.1923

205.1330,  
-11.8976, -10.6406

66.5040, 56.4465,  
48.6700

217.7920,  
-18.1385, -15.6036

55.3180, 61.9612,  
53.2181

230.1520,  
-24.2319, -21.1813

234.0060,  
-26.1320, -18.4223

235.8000,  
-27.0164, -14.7336

# Harmonies

## Analogous

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



137.7570, 28.7138, -16.4499



142.1480, 19.1540, 16.5332



141.6750, 6.5692, 39.7500

# Triad

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



142.1480, 19.1540, 16.5332



137.1460, -28.1730, 29.6900



109.3350, 21.5268, -91.5018

# Complementary

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



142.1480, 19.1540, 16.5332



163.8520, -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.



124.3500, -1.1585, -48.5419



142.1480, 19.1540, 16.5332



135.1170, -27.6657, 6.9134

# Square

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



142.1480, 19.1540, 16.5332



138.8950, -20.6542, 44.8191



130.8840, -17.6908, -19.1923



109.7440, 34.6362, -96.2455



# Rectangle

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



142.1480, 19.1540, 16.5332



141.3850, -3.6408, 47.8974



130.8840, -17.6908, -19.1923



117.1650, 12.7367, -72.0587

# Sweetspot

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



142.1480, 19.1540, 16.5332



219.6940, 7.5459, 6.4074



143.7110, 18.3835, -16.4095



108.1730, 4.3517, 4.2333



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.



142.1480, 19.1540, 16.5332



174.6620, 29.7466, 25.7294



147.3300, 13.1483, 29.5286



82.8200, 3.0467, 2.7889



46.7440, 52.3842, 44.9515



7.7480, 8.9982, 7.2370



# Inverse Universe

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



144.0240, 0.4812, 32.4280



177.5470, 0.7163, 50.3863



158.6700, -13.1483, -29.5286



83.1470, 0.4205, 5.1331



52.0170, 1.4706, 88.5621

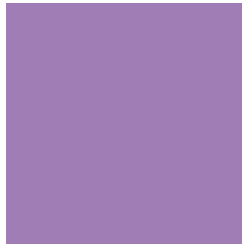


8.8000, 0.0986, 15.0844



# Previews

## White Background



This preview shows how the YUV color 142.1480, 19.1540, 16.5332 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

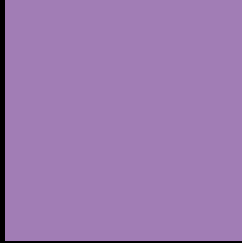
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 142.1480, 19.1540, 16.5332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

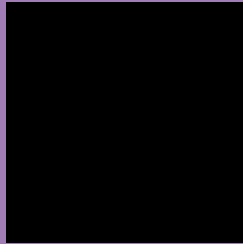
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.1480, 19.1540, 16.5332

## Background



This preview shows how black text looks on a background with the YUV color 142.1480, 19.1540, 16.5332.



This preview shows how white text looks on a background with the YUV color 142.1480, 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

142.1480, 19.1540, 16.5332

### Protanopia

138.8560, 25.2140, -13.9057

### Deuteranopia

139.4070, 19.5193, -7.3729



## Tritanopia

140.1310, 1.4144, 13.0401

# Trichromacy



## Original Color

142.1480, 19.1540, 16.5332

## Protanomaly

140.3520, 22.9975, -2.9397

## Deuteranomaly

140.4620, 19.4922, 1.3488

## Tritanomaly

140.5640, 8.1029, 14.4144

# Monochromacy



## Original Color

142.1480, 19.1540, 16.5332

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.1670, 6.8197, 5.9925

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.1480, 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(161, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(161, 125, 181)  
}
```

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(161, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 125, 181) }
```

## Border

The CSS property to change the border of an element to YUV 142.1480, 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(161, 125, 181) }
```



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

```
.border{ border-color:rgb(161, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(161, 125,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 142.1480, 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(161, 125, 181) }
```

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

```
.background{ background-color: rgb(161,  
125, 181) }
```

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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