

# Converting Colors

YUV(145.3480, 5.7444, 24.2508)

Have a look what the booklet for  
YUV(145.3480, 5.7444, 24.2508)  
contains.

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# Color

**YUV(145.3480, 5.7444,  
24.2508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD819D
RGB	173, 129, 157
RGB Percent	68%, 51%, 62%
CMY	0.3216, 0.4941, 0.3843
CMYK	0.00, 0.25, 0.09, 0.32
HSL	322°, 21%, 59%
HSV	322°, 25%, 68%
XYZ	31.1696, 27.0191, 35.4707
YIQ	145.3480, 17.2360, 18.0360

# Conversions

## Conversions Part 2

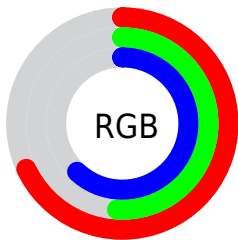
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 129, 157
Decimal	11370909
CIELab	58.99, 21.56, -8.32
CIELCh	59, 23.108, 338.901
Yxy	27.0191, 0.3328, 0.2885
Android (android.graphics.Color)	4289560989 (0xFFAD819D)
YUV	145.3480, 5.7444, 24.2508
Hunter-Lab	51.9799, 16.0724, -4.0731

# Details

The YUV color  $145.3480, 5.7444, 24.2508$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $156.6520, -5.7444, -24.2508$ , and the grayscale version is  $145.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $199.4730, 6.1758, 25.8952$ , and  $94.3370, 5.7499, 22.5065$  is the 20% darker color. If you saturate the color by 10%, you get  $134.6850, 8.0433, 33.6023$ , and if you desaturate by 10%, it is  $156.0110, 3.4456, 14.8994$ .

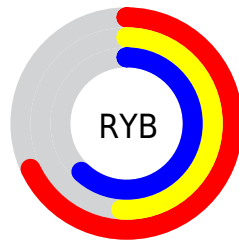
# Distribution



Red (68%)

Green (51%)

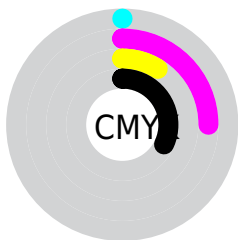
Blue (62%)



Red (68%)

Yellow (51%)

Blue (62%)

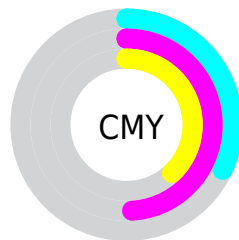


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (49%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 145.3480, 5.7444, 24.2508 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 145.3480, 5.7444, 24.2508 by changing the saturation by 10% instead.




 145.3480, 5.7444,  
24.2508

 145.3480, 5.7444,  
24.2508


255.0000, 0.0000,  
0.0000


 119.6360, 5.6025,  
23.1212


 199.4730, 6.1758,  
25.8952


 94.3370, 5.7499,  
22.5065


 226.8750, 6.4706,  
24.6656

 70.6250, 5.6079,  
21.3769

 245.0210, 4.9196,  
8.7516

 47.0270, 5.9027,  
20.1473

 25.3150, 5.7607,  
19.0177

 10.1960, 2.8614,  
15.6141

 0.0000, 0.0000,

0.0000

■ 145.3480, 5.7444,  
24.2508

■ 145.3480, 5.7444,  
24.2508

■ 134.6850, 8.0433,  
33.6023

■ 156.0110, 3.4456,  
14.8994

■ 123.3210, 10.1947,  
43.5685

■ 167.3750, 1.2941,  
4.9331

■ 112.6580, 12.4936,  
52.9199

■ 178.0380, -1.0047,  
-4.4183

■ 101.9950, 14.7925,  
62.2714

■ 188.7010, -3.3036,  
-13.7698

■ 90.7450, 17.3807,  
72.1376

■ 199.9510, -5.8918,  
-23.6360

■ 79.9680, 19.2428,  
81.5891

■ 210.7280, -7.7539,  
-33.0875

69.3050, 21.5416,  
90.9405

221.3910,  
-10.0528, -42.4389

64.2670, 22.5464,  
95.3588

225.0100, -8.8789,  
-45.6128

225.8080, -5.8213,  
-46.3126

# Harmonies

## Analogous

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



144.8280, 14.3818, 7.1668



145.3480, 5.7444, 24.2508



144.8840, -3.8868, 33.4277

# Triad

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



145.3480, 5.7444, 24.2508



140.7180, -19.0880, 9.0173



132.7800, 16.8705, -44.5341

# Complementary

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



145.3480, 5.7444, 24.2508



156.6520, -5.7444, -24.2508

# 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.



132.2830, 7.2555, -40.5902



145.3480, 5.7444, 24.2508



137.6880, -13.6502, -8.4964

# Square

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



145.3480, 5.7444, 24.2508



142.3330, -18.4052, 23.3870



135.0970, -3.9918, -26.3951



136.5840, 20.9111, -33.8382



# Rectangle

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



145.3480, 5.7444, 24.2508



143.8750, -10.2914, 34.3126



135.0970, -3.9918, -26.3951



132.3840, 14.1077, -45.0638

# Sweetspot

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



145.3480, 5.7444, 24.2508



212.7500, 2.5882, 9.8663



138.5010, 17.0080, 4.8226



105.0870, 1.4361, 6.0627



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



145.3480, 5.7444, 24.2508



180.6470, 9.0480, 38.0206



142.9540, -3.4283, 26.3503



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187



8.5870, 3.1616, 12.6402



# Inverse Universe

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



145.3480, 5.7444, 24.2508



180.6470, 9.0480, 38.0206



159.0460, 3.4283, -26.3503



81.3750, 1.2941, 4.9331



55.7940, 19.8216, 82.6187

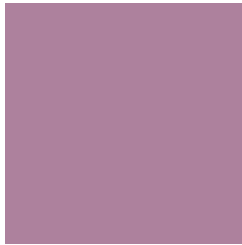


8.5870, 3.1616, 12.6402



# Previews

## White Background



This preview shows how the YUV color 145.3480, 5.7444, 24.2508 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

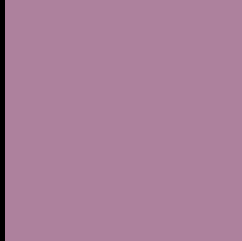
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 145.3480, 5.7444, 24.2508 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

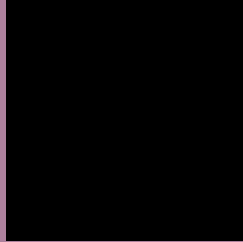
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.3480, 5.7444, 24.2508

## Background



This preview shows how black text looks on a background with the YUV color 145.3480, 5.7444, 24.2508.



This preview shows how white text looks on a background with the YUV color 145.3480, 5.7444,



# 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

145.3480, 5.7444, 24.2508

### Protanopia

142.8390, 10.9254, -4.2438

### Deuteranopia

143.5260, 5.6567, 5.6777



## Tritanopia

144.8010, -1.3809, 22.9765

# Trichromacy



## Original Color

145.3480, 5.7444, 24.2508

## Protanomaly

144.0360, 8.8563, 6.1074

## Deuteranomaly

144.2710, 5.7824, 12.0403

## Tritanomaly

145.0830, 0.9451, 23.6062

# Monochromacy



## Original Color

145.3480, 5.7444, 24.2508

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.9240, 2.0095, 8.8367

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.3480, 5.7444, 24.2508 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(173, 129, 157)` looks like.

```
.text, #text, p{  
    color:rgb(173, 129, 157)  
}
```

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(173, 129, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 129, 157) }
```

## Border

The CSS property to change the border of an element to YUV 145.3480, 5.7444, 24.2508 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(173, 129, 157) }
```



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

```
.border{ border-color:rgb(173, 129, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 129, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 129, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 129, 157);  
box-shadow:4px 4px 4px 4px rgb(173, 129,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 145.3480, 5.7444, 24.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 129, 157) }
```

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

```
.background{ background-color: rgb(173,  
129, 157) }
```

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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