

# Converting Colors

YUV(144.6820, 15.9328,  
23.0809)

Have a look what the booklet for  
YUV(144.6820, 15.9328, 23.0809)  
contains.

<b>YUV(144.6820, 15.9328, 23.0809)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(144.6820, 15.9328,  
23.0809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7DB1
RGB	171, 125, 177
RGB Percent	67%, 49%, 69%
CMY	0.3294, 0.5098, 0.3059
CMYK	0.03, 0.29, 0.00, 0.31
HSL	293°, 25%, 59%
HSV	293°, 29%, 69%
XYZ	32.0640, 26.4995, 45.0199
YIQ	144.6820, 10.7240, 25.9240

# Conversions

## Conversions Part 2

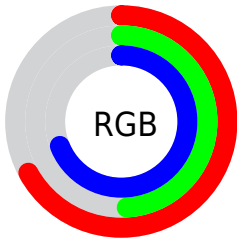
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 125, 177
Decimal	11238833
CIELab	58.51, 26.91, -20.53
CIELCh	59, 33.851, 322.654
Yxy	26.4995, 0.3095, 0.2558
Android (android.graphics.Color)	4289428913 (0xFFAB7DB1)
YUV	144.6820, 15.9328, 23.0809
Hunter-Lab	51.4776, 21.0969, -15.8179

# Details

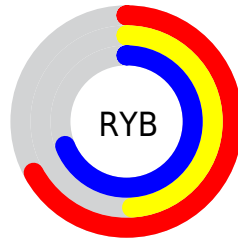
The YUV color **144.6820, 15.9328, 23.0809** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.3180, -15.9328, -23.0809**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9210, 16.8009, 24.6253**, and **93.4430, 15.0646, 21.5365** is the 20% darker color. If you saturate the color by 10%, you get **133.5180, 21.4366, 31.1177**, and if you desaturate by 10%, it is **155.8460, 10.4289, 15.0441**.

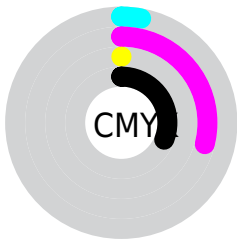
# Distribution



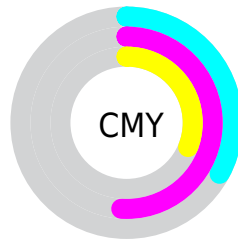
- Red (67%)
- Green (49%)
- Blue (69%)



- Red (67%)
- Yellow (49%)
- Blue (69%)



- Cyan (3%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)




- Cyan (33%)
- Magenta (51%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.6820, 15.9328, 23.0809 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 144.6820, 15.9328, 23.0809 by changing the saturation by 10% instead.





 144.6820, 15.9328,  
23.0809


 144.6820, 15.9328,  
23.0809


255.0000, 0.0000,  
0.0000

 118.8560, 15.3540,  
22.0513


 198.9210, 16.8009,  
24.6253


 93.4430, 15.0646,  
21.5365


 226.2370, 14.1802,  
25.2252

 69.6170, 14.4858,  
20.5069

 242.6730, 6.0772,  
10.8108

 45.9050, 14.3438,  
19.3773

 22.9050, 14.3438,  
19.3773

 11.0090, 9.8556,  
12.2701

 0.2280, 0.8736,

-0.2000

0.0000, 0.0000,  
0.0000

144.6820, 15.9328,  
23.0809

144.6820, 15.9328,  
23.0809

133.5180, 21.4366,  
31.1177

155.8460, 10.4289,  
15.0441

122.9410, 26.6511,  
38.6397

166.4230, 5.2145,  
7.5220

111.7770, 32.1549,  
46.6766

177.5870, -0.2894,  
-0.5148

100.6130, 37.6588,  
54.7134

188.7510, -5.7932,  
-8.5516

90.0360, 42.8733,  
62.2354

199.9150,  
-11.2971, -16.5885

■ 78.8720, 48.3771,  
70.2723

■ 210.4920,  
-16.5116, -24.1105

■ 67.7080, 53.8810,  
78.3091

■ 221.6560,  
-22.0154, -32.1473

■ 67.1210, 54.1703,  
78.8239

■ 225.7760,  
-24.0466, -34.0066

■ 226.3740,  
-24.3414, -32.7770

# Harmonies

## Analogous

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



141.8290, 26.2133, -7.7430



144.6820, 15.9328, 23.0809



143.9590, 2.4852, 43.0090

# Triad

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



144.6820, 15.9328, 23.0809



139.1130, -28.1567, 24.4569



111.0510, 25.6109, -94.7607

# Complementary

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



144.6820, 15.9328, 23.0809



157.3180, -15.9328, -23.0809

# 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.



125.1580, 3.3731, -55.3896



144.6820, 15.9328, 23.0809



136.3550, -25.3180, 0.5657

# Square

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



144.6820, 15.9328, 23.0809



141.0040, -22.6800, 41.2155



132.4640, -14.0328, -25.8399



117.4080, 34.3089, -84.5498



# Rectangle

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



144.6820, 15.9328, 23.0809



143.1740, -6.9878, 48.0824



132.4640, -14.0328, -25.8399



117.9730, 17.2683, -78.9063

# Sweetspot

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



144.6820, 15.9328, 23.0809



216.7760, 6.5194, 8.9664



134.4500, 20.9772, -8.2876



106.7710, 4.0569, 5.4628



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



144.6820, 15.9328, 23.0809



179.4630, 24.9147, 35.5509



144.1960, 6.3124, 28.7691



83.4180, 2.7519, 4.0184



57.8070, 46.9301, 67.6983



9.8410, 7.9664, 11.5404



# Inverse Universe

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



141.2320, -5.0444, 31.3685



174.2450, -8.0088, 48.8971



157.8040, -6.3124, -28.7691



82.8050, -0.8899, 5.4330



47.7990, -14.6909, 92.2613

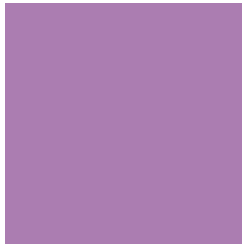


8.1160, -2.5222, 15.6843



# Previews

## White Background



This preview shows how the YUV color 144.6820, 15.9328, 23.0809 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

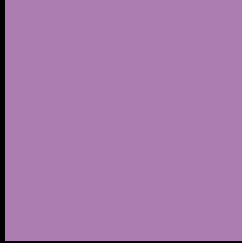
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 144.6820, 15.9328, 23.0809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

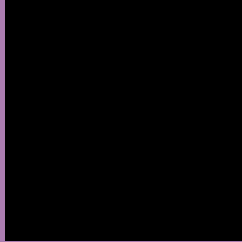
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.6820, 15.9328, 23.0809

## Background



This preview shows how black text looks on a background with the YUV color 144.6820, 15.9328, 23.0809.



This preview shows how white text looks on a background with the YUV color 144.6820, 15.9328,



# 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

144.6820, 15.9328, 23.0809

### Protanopia

141.1830, 22.5878, -11.5615

### Deuteranopia

142.2180, 16.1615, -3.6992



## Tritanopia

143.3060, -0.6439, 19.9026

# Trichromacy



## Original Color

144.6820, 15.9328, 23.0809

## Protanomaly

142.5760, 19.9290, 1.2488

## Deuteranomaly

142.9850, 16.2764, 6.1522

## Tritanomaly

143.6250, 5.6079, 21.3769

# Monochromacy



## Original Color

144.6820, 15.9328, 23.0809

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.9500, 5.9407, 7.9369

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.6820, 15.9328, 23.0809 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(171, 125, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 125, 177)  
}
```

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(171, 125, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 125, 177) }
```

## Border

The CSS property to change the border of an element to YUV 144.6820, 15.9328, 23.0809 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(171, 125, 177) }
```



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

```
.border{ border-color:rgb(171, 125, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 125, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 125, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 125, 177);  
box-shadow:4px 4px 4px 4px rgb(171, 125,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 144.6820, 15.9328, 23.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 125, 177) }
```

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

```
.background{ background-color: rgb(171,  
125, 177) }
```

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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