

# Converting Colors

YUV(143.2890, 5.2805, 33.0725)

Have a look what the booklet for  
YUV(143.2890, 5.2805, 33.0725)  
contains.

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# Color

**YUV(143.2890, 5.2805,  
33.0725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57A9A
RGB	181, 122, 154
RGB Percent	71%, 48%, 60%
CMY	0.2902, 0.5216, 0.3961
CMYK	0.00, 0.33, 0.15, 0.29
HSL	327°, 29%, 59%
HSV	327°, 33%, 71%
XYZ	31.8483, 26.0759, 33.9264
YIQ	143.2890, 24.8920, 22.4600

# Conversions

## Conversions Part 2

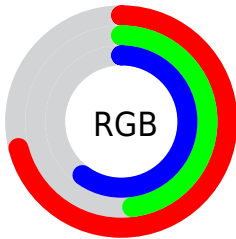
Format	Color
R <sub>Y</sub> B	181, 122, 154
Decimal	11893402
CIE Lab	58.11, 27.85, -7.81
CIE LCh	58, 28.925, 344.327
Yxy	26.0759, 0.3467, 0.2839
Android (android.graphics.Color)	4290083482 (0xFFB57A9A)
YUV	143.2890, 5.2805, 33.0725
Hunter-Lab	51.0646, 21.9651, -3.6460

# Details

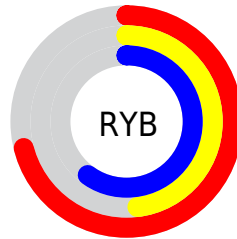
The YUV color **143.2890, 5.2805, 33.0725** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.7110, -5.2805, -33.0725**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5990, 5.1277, 35.4317**, and **91.9790, 5.4334, 30.7134** is the 20% darker color. If you saturate the color by 10%, you get **131.8110, 6.9952, 43.1388**, and if you desaturate by 10%, it is **154.7670, 3.5659, 23.0063**.

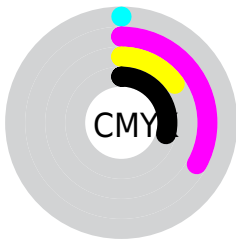
# Distribution



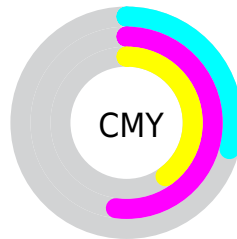
- Red (71%)
- Green (48%)
- Blue (60%)



- Red (71%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.2890, 5.2805, 33.0725 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 143.2890, 5.2805, 33.0725 by changing the saturation by 10% instead.



 143.2890, 5.2805,  
33.0725

 143.2890, 5.2805,  
33.0725


255.0000, 0.0000,  
0.0000


 117.5770, 5.1385,  
31.9430

 197.5990, 5.1277,  
35.4317


 91.9790, 5.4334,  
30.7134

 222.4240, 7.1860,  
28.5692

 67.9680, 5.4388,  
28.9691

 240.9120, 6.9454,  
12.3552

 43.7830, 6.0230,  
28.2543

 20.7120, 7.0440,  
27.4396

 10.6370, 0.6720,  
17.8584

 0.0000, 0.0000,

0.0000

■ 143.2890, 5.2805,  
33.0725

■ 143.2890, 5.2805,  
33.0725

■ 131.8110, 6.9952,  
43.1388

■ 154.7670, 3.5659,  
23.0063

■ 120.2190, 8.2730,  
53.3049

■ 166.3590, 2.2880,  
12.8402

■ 108.7410, 9.9877,  
63.3711

■ 177.8370, 0.5734,  
2.7740

■ 97.2630, 11.7023,  
73.4373

■ 189.3150, -1.1413,  
-7.2923

■ 85.1980, 13.7064,  
84.0184

■ 201.3800, -3.1453,  
-17.8733

■ 73.6060, 14.9842,  
94.1845

■ 212.9720, -4.4232,  
-28.0394

■ 65.2910, 16.1255,  
101.4768

■ 224.4500, -6.1378,  
-38.1056

■ 228.8840, -4.3798,  
-41.9943

■ 229.9100, -0.4486,  
-42.8941

# Harmonies

## Analogous

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



143.0290, 16.2547, 13.1296



143.2890, 5.2805, 33.0725



142.4290, -7.1135, 41.7198

# Triad

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



143.2890, 5.2805, 33.0725



136.9690, -23.1557, 7.0432



124.3200, 24.4922, -62.5476

# Complementary

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



143.2890, 5.2805, 33.0725



159.7110, -5.2805, -33.0725

# 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.



124.3670, 13.1301, -58.2039



143.2890, 5.2805, 33.0725



133.8890, -15.2283, -15.6887

# Square

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



143.2890, 5.2805, 33.0725



139.5630, -23.9416, 25.8162



129.1880, -2.0647, -37.8759



132.2500, 27.4847, -42.3152



# Rectangle

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



143.2890, 5.2805, 33.0725



141.1810, -14.3862, 41.0603



129.1880, -2.0647, -37.8759



123.2120, 21.5875, -64.2069

# Sweetspot

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



143.2890, 5.2805, 33.0725



219.6580, 2.1406, 13.4549



136.7990, 21.7911, 10.7003



108.0980, 1.4307, 7.8071



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.



143.2890, 5.2805, 33.0725



176.2080, 8.2785, 51.5606



139.9830, -7.3866, 35.9719



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845



# Inverse Universe

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



143.2890, 5.2805, 33.0725



176.2080, 8.2785, 51.5606



163.0170, 7.3866, -35.9719



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627

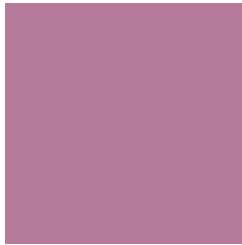


9.3700, 2.2826, 14.5845



# Previews

## White Background



This preview shows how the YUV color 143.2890, 5.2805, 33.0725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

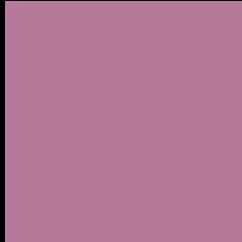
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.2890, 5.2805, 33.0725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

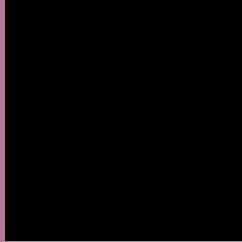
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.2890, 5.2805, 33.0725

## Background



This preview shows how black text looks on a background with the YUV color 143.2890, 5.2805, 33.0725.



This preview shows how white text looks on a background with the YUV color 143.2890, 5.2805,



# 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

143.2890, 5.2805, 33.0725

### Protanopia

140.7680, 11.9464, -5.0585

### Deuteranopia

141.2980, 4.7831, 5.8777



## Tritanopia

142.2860, -3.5920, 32.1982

# Trichromacy



## Original Color

143.2890, 5.2805, 33.0725

## Protanomaly

141.8730, 9.4296, 8.8814

## Deuteranomaly

142.0650, 4.8980, 15.7290

## Tritanomaly

142.7960, -0.3924, 32.6279

# Monochromacy



## Original Color

143.2890, 5.2805, 33.0725

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

142.9460, 1.9986, 12.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.2890, 5.2805, 33.0725 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(181, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 122, 154)  
}
```

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(181, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 122, 154) }
```

## Border

The CSS property to change the border of an element to YUV 143.2890, 5.2805, 33.0725 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(181, 122, 154) }
```



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

```
.border{ border-color:rgb(181, 122, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 122,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 143.2890, 5.2805, 33.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 122, 154) }
```

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

```
.background{ background-color: rgb(181,  
122, 154) }
```

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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