

# Converting Colors

YUV(111.0030, 5.9145, 63.1414)

Have a look what the booklet for  
YUV(111.0030, 5.9145, 63.1414)  
contains.

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# Color

**YUV(111.0030, 5.9145,  
63.1414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B7487B</a>
RGB	<a href="#">183, 72, 123</a>
RGB Percent	<a href="#">72%, 28%, 48%</a>
CMY	<a href="#">0.2824, 0.7176, 0.5176</a>
CMYK	<a href="#">0.00, 0.61, 0.33, 0.28</a>
HSL	<a href="#">332°, 44%, 50%</a>
HSV	<a href="#">332°, 61%, 72%</a>
XYZ	<a href="#">25.4210, 16.1321, 20.5129</a>
YIQ	<a href="#">111.0030, 49.7850, 39.3930</a>

# Conversions

## Conversions Part 2

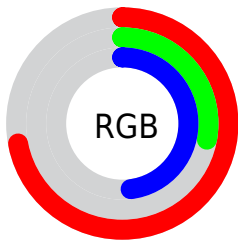
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 72, 123
Decimal	12011643
CIELab	47.15, 49.96, -5.78
CIELCh	47, 50.294, 353.403
Yxy	16.1321, 0.4096, 0.2599
Android (android.graphics.Color)	4290201723 (0xFFB7487B)
YUV	111.0030, 5.9145, 63.1414
Hunter-Lab	40.1647, 42.6874, -2.1651

# Details

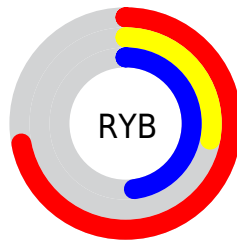
The YUV color **111.0030, 5.9145, 63.1414** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **143.9970, -5.9145, -63.1414**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2700, 4.3039, 66.4152**, and **51.3930, 11.1453, 65.4303** is the 20% darker color. If you saturate the color by 10%, you get **99.2970, 6.7556, 73.4075**, and if you desaturate by 10%, it is **122.7090, 5.0735, 52.8752**.

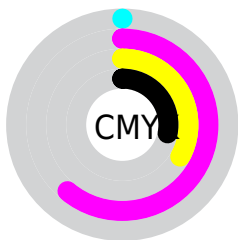
# Distribution



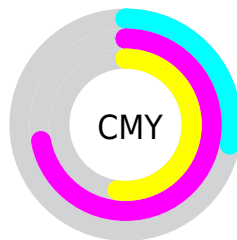
- Red (72%)
- Green (28%)
- Blue (48%)



- Red (72%)
- Yellow (28%)
- Blue (48%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.0030, 5.9145, 63.1414 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 111.0030, 5.9145, 63.1414 by changing the saturation by 10% instead.



111.0030, 5.9145,  
63.1414

111.0030, 5.9145,  
63.1414

255.0000, 0.0000,  
0.0000

83.0460, 7.3723,  
62.2267

166.2700, 4.3039,  
66.4152

51.3930, 11.1453,  
65.4303

189.1980, 6.8044,  
57.7084

35.5290, 8.1202,  
55.6641

208.8260, 10.9318,  
40.4946

25.0620, 2.9274,  
41.1646

228.5850, 13.0226,  
23.1660

14.8080, -5.3283,  
29.1094

245.6080, 4.6303,  
8.2368

0.0000, 0.0000,  
0.0000

111.0030, 5.9145,  
63.1414

111.0030, 5.9145,  
63.1414

99.2970, 6.7556,  
73.4075

122.7090, 5.0735,  
52.8752

87.0040, 7.8860,  
84.1885

135.0020, 3.9430,  
42.0942

75.2980, 8.7271,  
94.4547

146.7080, 3.1020,  
31.8281

64.2930, 9.7156,  
104.1060

158.4140, 2.2609,  
21.5619

170.5930, 0.6937,  
10.8809

182.2990, -0.1474,  
0.6148

194.0050, -0.9885,  
-9.6514

205.7110, -1.8295,

-19.9175

■ 218.0040, -2.9600,  
-30.6985

# Harmonies

## Analogous

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



115.1100, 23.6098, 34.1065



111.0030, 5.9145, 63.1414



108.5850, -13.5994, 68.7700

# Triad

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



111.0030, 5.9145, 63.1414



102.7880, -38.8425, -1.5681



95.5420, 41.1448, -83.7903

# Complementary

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



111.0030, 5.9145, 63.1414



143.9970, -5.9145, -63.1414

# 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.



93.9000, 24.6993, -82.3503



111.0030, 5.9145, 63.1414



94.3170, -17.9043, -44.1280

# Square

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



111.0030, 5.9145, 63.1414



106.3190, -44.0343, 30.4152



88.4110, 6.2064, -77.5364



92.1970, 51.1749, -80.8568



# Rectangle

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



111.0030, 5.9145, 63.1414



109.0990, -26.6708, 61.3032



88.4110, 6.2064, -77.5364



95.5760, 36.1980, -83.8202

# Sweetspot

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



111.0030, 5.9145, 63.1414



209.1370, 2.3975, 24.4359



102.2950, 39.7876, 25.1743



102.5550, 1.6984, 15.2993



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



111.0030, 5.9145, 63.1414



124.8470, 9.4424, 98.3582



107.5370, -17.5197, 66.1811



86.1470, 0.4205, 5.1331



54.7380, 8.0172, 88.8068



9.8540, 1.5510, 15.9140



# Inverse Universe

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



111.0030, 5.9145, 63.1414



124.8470, 9.4424, 98.3582



147.4630, 17.5197, -66.1811



86.1470, 0.4205, 5.1331



54.7380, 8.0172, 88.8068



9.8540, 1.5510, 15.9140



# Previews

## White Background



This preview shows how the YUV color 111.0030, 5.9145, 63.1414 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

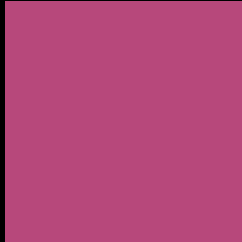
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.0030, 5.9145, 63.1414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

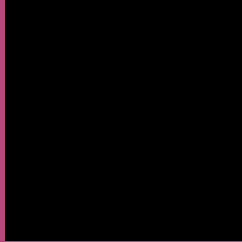
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 111.0030, 5.9145, 63.1414 Background



This preview shows how black text looks on a background with the YUV color 111.0030, 5.9145, 63.1414.



This preview shows how white text looks on a background with the YUV color 111.0030, 5.9145,



# 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

111.0030, 5.9145, 63.1414

### Protanopia

112.6410, 17.9250, -9.3322

### Deuteranopia

113.5000, 1.7255, 6.5775



## Tritanopia

110.5840, -12.1199, 60.8778

# Trichromacy



## Original Color

111.0030, 5.9145, 63.1414

## Protanomaly

112.0680, 13.7705, 16.6034

## Deuteranomaly

112.9740, 2.9708, 27.2098

## Tritanomaly

110.6040, -5.7208, 61.7373

# Monochromacy



## Original Color

111.0030, 5.9145, 63.1414

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.0120, 1.9661, 22.7915

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.0030, 5.9145, 63.1414 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(183, 72, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 123)  
}
```

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(183, 72, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 123) }
```

## Border

The CSS property to change the border of an element to YUV 111.0030, 5.9145, 63.1414 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(183, 72, 123) }
```



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

```
.border{ border-color:rgb(183, 72, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 111.0030, 5.9145, 63.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 123) }
```

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

```
.background{ background-color: rgb(183, 72,  
123) }
```

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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