

# Converting Colors

YUV(144.6030, 9.0697, 31.0432)

Have a look what the booklet for  
YUV(144.6030, 9.0697, 31.0432)  
contains.

<b>YUV(144.6030, 9.0697, 31.0432)</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(144.6030, 9.0697,  
31.0432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B47BA3</a>
RGB	<a href="#">180, 123, 163</a>
RGB Percent	<a href="#">71%, 48%, 64%</a>
CMY	<a href="#">0.2941, 0.5176, 0.3608</a>
CMYK	<a href="#">0.00, 0.32, 0.09, 0.29</a>
HSL	<a href="#">318°, 28%, 59%</a>
HSV	<a href="#">318°, 32%, 71%</a>
XYZ	<a href="#">32.5162, 26.5136, 38.0542</a>
YIQ	<a href="#">144.6030, 21.1320, 24.5240</a>

# Conversions

## Conversions Part 2

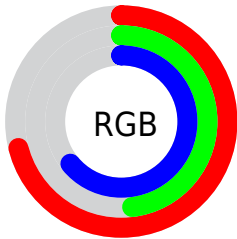
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 123, 163
Decimal	11828131
CIE <sub>Lab</sub>	58.52, 28.48, -12.39
CIE <sub>LCh</sub>	59, 31.063, 336.486
Yxy	26.5136, 0.3349, 0.2731
Android (android.graphics.Color)	4290018211 (0xFFB47BA3)
YUV	144.6030, 9.0697, 31.0432
Hunter-Lab	51.4913, 22.6110, -7.7738

# Details

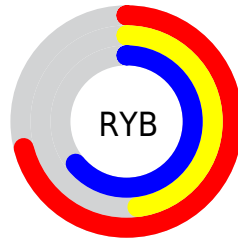
The YUV color **144.6030, 9.0697, 31.0432** is a light color, and the websafe version is hex **996699**. A complement of this color would be **158.3970, -9.0697, -31.0432**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0270, 9.3537, 33.3023**, and **93.1790, 8.7858, 28.7840** is the 20% darker color. If you saturate the color by 10%, you get **133.4670, 12.0948, 40.8094**, and if you desaturate by 10%, it is **155.7390, 6.0447, 21.2769**.

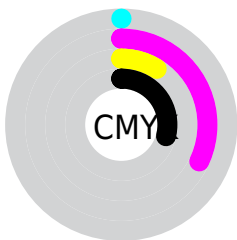
# Distribution



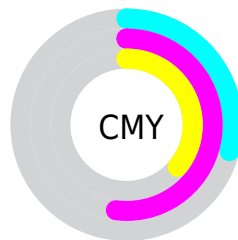
- Red (71%)
- Green (48%)
- Blue (64%)



- Red (71%)
- Yellow (48%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (29%)




- Cyan (29%)
- Magenta (52%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.6030, 9.0697, 31.0432 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 144.6030, 9.0697, 31.0432 by changing the saturation by 10% instead.




 144.6030, 9.0697,  
31.0432


 144.6030, 9.0697,  
31.0432


255.0000, 0.0000,  
0.0000

 118.8910, 8.9277,  
29.9136


 199.0270, 9.3537,  
33.3023


 93.1790, 8.7858,  
28.7840


 224.0370, 10.8278,  
27.1546

 68.5810, 9.0806,  
27.5545

 241.4990, 6.6560,  
11.8404

 45.1680, 8.7912,  
27.0397

 21.9830, 9.3754,  
26.3249

 11.6630, 4.6031,  
16.9585

 0.0000, 0.0000,

0.0000

144.6030, 9.0697,  
31.0432

144.6030, 9.0697,  
31.0432

133.4670, 12.0948,  
40.8094

155.7390, 6.0447,  
21.2769

122.2170, 14.6830,  
50.6757

166.9890, 3.4564,  
11.4106

111.0810, 17.7081,  
60.4420

178.1250, 0.4314,  
1.6444

99.9450, 20.7331,  
70.2082

189.2610, -2.5937,  
-8.1219

88.6950, 23.3214,  
80.0745

200.5110, -5.1819,  
-17.9881

77.5590, 26.3464,  
89.8408

211.6470, -8.2070,  
-27.7544

■ 68.1840, 28.5033,  
98.0626

■ 222.8970,  
-10.7952, -37.6207

■ 226.9890,  
-10.3476, -41.2094

■ 227.5590, -8.1636,  
-41.7092

# Harmonies

## Analogous

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



144.0220, 20.2022, 6.9967



144.6030, 9.0697, 31.0432



143.6510, -3.7719, 43.2791

# Triad

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



144.6030, 9.0697, 31.0432



138.3180, -25.7928, 12.8761



120.7700, 25.2564, -74.3433

# Complementary

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



144.6030, 9.0697, 31.0432



158.3970, -9.0697, -31.0432

# 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.



124.3730, 10.6621, -59.9631



144.6030, 9.0697, 31.0432



135.4830, -19.4651, -10.0706

# Square

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



144.6030, 9.0697, 31.0432



140.7810, -24.5420, 31.7641



131.0590, -6.4381, -35.1317



129.1560, 29.9961, -54.5108



# Rectangle

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



144.6030, 9.0697, 31.0432



142.4850, -12.0711, 45.1787



131.0590, -6.4381, -35.1317



121.0430, 21.1778, -72.8287

# Sweetspot

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



144.6030, 9.0697, 31.0432



220.1140, 3.8878, 13.0550



134.2820, 22.5390, 4.1377



108.3260, 2.3043, 7.6071



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.



144.6030, 9.0697, 31.0432



179.0920, 14.2516, 49.0313



141.4110, -3.1606, 33.8426



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632



9.8260, 4.0298, 14.1846



# Inverse Universe

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



144.6030, 9.0697, 31.0432



179.0920, 14.2516, 49.0313



161.5890, 3.1606, -33.8426



83.4890, 1.7309, 4.8331



57.9450, 24.1841, 83.3632

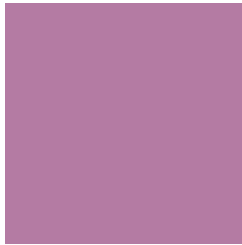


9.8260, 4.0298, 14.1846



# Previews

## White Background



This preview shows how the YUV color 144.6030, 9.0697, 31.0432 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

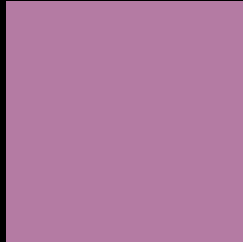
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.6030, 9.0697, 31.0432 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 144.6030, 9.0697, 31.0432

## Background



This preview shows how black text looks on a background with the YUV color 144.6030, 9.0697, 31.0432.



This preview shows how white text looks on a background with the YUV color 144.6030, 9.0697,



# 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

144.6030, 9.0697, 31.0432

### Protanopia

141.7830, 15.8830, -7.7027

### Deuteranopia

142.3130, 8.7197, 3.2335



## Tritanopia

143.6770, -3.2918, 29.2243

# Trichromacy



## Original Color

144.6030, 9.0697, 31.0432

## Protanomaly

142.8880, 13.3662, 6.2372

## Deuteranomaly

143.0800, 8.8346, 13.0848

## Tritanomaly

143.8280, 1.0708, 29.9688

# Monochromacy



## Original Color

144.6030, 9.0697, 31.0432

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

144.9890, 3.4564, 11.4106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.6030, 9.0697, 31.0432 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(180, 123, 163)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 163)  
}
```

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(180, 123, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 163) }
```

## Border

The CSS property to change the border of an element to YUV 144.6030, 9.0697, 31.0432 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(180, 123, 163) }
```



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

```
.border{ border-color:rgb(180, 123, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 123, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 163);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 144.6030, 9.0697, 31.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 163) }
```

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

```
.background{ background-color: rgb(180,  
123, 163) }
```

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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