

# Converting Colors

YUV(127.2440, 6.7817, 18.2030)

Have a look what the booklet for  
YUV(127.2440, 6.7817, 18.2030)  
contains.

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# Color

**YUV(127.2440, 6.7817,  
18.2030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94728D
RGB	148, 114, 141
RGB Percent	58%, 45%, 55%
CMY	0.4196, 0.5529, 0.4471
CMYK	0.00, 0.23, 0.05, 0.42
HSL	312°, 14%, 51%
HSV	312°, 23%, 58%
XYZ	23.0378, 20.2536, 27.8944
YIQ	127.2440, 11.5970, 15.6050

# Conversions

## Conversions Part 2

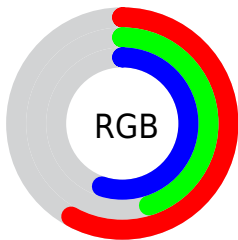
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 114, 141
Decimal	9728653
CIE Lab	52.12, 18.12, -9.57
CIE LCh	52, 20.488, 332.154
Yxy	20.2536, 0.3236, 0.2845
Android (android.graphics.Color)	4287918733 (0xFF94728D)
YUV	127.2440, 6.7817, 18.2030
Hunter-Lab	45.0040, 12.6180, -5.2464

# Details

The YUV color  $127.2440, 6.7817, 18.2030$  is a dark color, and the websafe version is hex  $996699$ . A complement of this color would be  $134.7560, -6.7817, -18.2030$ , and the grayscale version is  $127.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $180.0700, 7.3605, 19.2326$ , and  $78.1190, 6.3503, 16.5586$  is the 20% darker color. If you saturate the color by 10%, you get  $118.0970, 9.8122, 26.2249$ , and if you desaturate by 10%, it is  $136.3910, 3.7512, 10.1811$ .

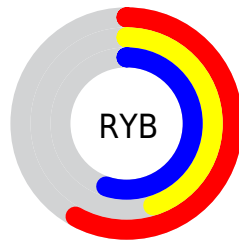
# Distribution



Red (58%)

Green (45%)

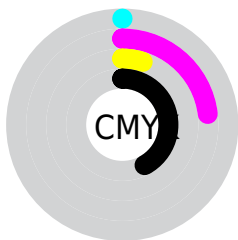
Blue (55%)



Red (58%)

Yellow (45%)

Blue (55%)

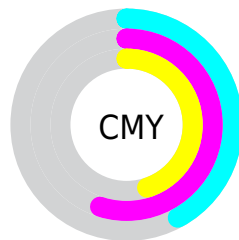


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.2440, 6.7817, 18.2030 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 127.2440, 6.7817, 18.2030 by changing the saturation by 10% instead.




 127.2440, 6.7817,  
18.2030


 127.2440, 6.7817,  
18.2030

255.0000, 0.0000,  
0.0000


 101.8310, 6.4923,  
17.6882


 180.0700, 7.3605,  
19.2326


 78.1190, 6.3503,  
16.5586


 207.7820, 7.5025,  
20.3622

 54.7060, 6.0609,  
16.0438

 234.5860, 8.0921,  
17.9031

 32.9940, 5.9190,  
14.9143

 252.0650, 1.4470,  
2.5740

 12.1190, 6.3503,  
16.5586

 0.0000, 0.0000,  
0.0000

127.2440, 6.7817,  
18.2030

127.2440, 6.7817,  
18.2030

118.0970, 9.8122,  
26.2249

136.3910, 3.7512,  
10.1811

108.9500, 12.8426,  
34.2468

145.5380, 0.7208,  
2.1592

100.3900, 15.5837,  
41.7540

154.0980, -2.0203,  
-5.3479

91.2430, 18.6142,  
49.7759

163.2450, -5.0508,  
-13.3699

82.0960, 21.6447,  
57.7978

172.3920, -8.0813,  
-21.3918

72.9490, 24.6751,  
65.8197

181.5390,  
-11.1117, -29.4137

63.8020, 27.7056,  
73.8416


190.6860,  
-14.1422, -37.4356

57.7040, 29.7259,

199.2460,

79.1896

-16.8833, -44.9427

 208.3930,  
-19.9137, -52.9647

# Harmonies

## Analogous

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



125.9800, 13.8139, 2.6485



127.2440, 6.7817, 18.2030



127.4210, -1.6866, 27.6948

# Triad

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



127.2440, 6.7817, 18.2030



123.5980, -17.0568, 10.8766



116.3740, 12.6336, -38.9160

# Complementary

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



127.2440, 6.7817, 18.2030



134.7560, -6.7817, -18.2030

# 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.



116.5290, 4.1762, -32.9129



127.2440, 6.7817, 18.2030



121.4220, -13.5190, -3.8781

# Square

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



127.2440, 6.7817, 18.2030



125.1310, -15.3476, 22.6871



119.2720, -6.0501, -19.5325



119.0850, 17.7061, -32.5235



# Rectangle

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



127.2440, 6.7817, 18.2030



126.3520, -7.0755, 29.5093



119.2720, -6.0501, -19.5325



116.1030, 10.3022, -37.8013

# Sweetspot

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



127.2440, 6.7817, 18.2030



183.0270, 2.4517, 6.9923



119.9690, 13.8193, 0.9042



92.0760, 1.4415, 4.3183



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



127.2440, 6.7817, 18.2030



158.6350, 10.5329, 28.3841



125.3060, -0.6439, 19.9026



69.6630, 1.1521, 3.8035



53.6880, 27.2688, 73.9416



3.9020, 2.0203, 5.3479



# Inverse Universe

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



127.2440, 6.7817, 18.2030



158.6350, 10.5329, 28.3841



136.6940, 0.6439, -19.9026



69.6630, 1.1521, 3.8035



53.6880, 27.2688, 73.9416

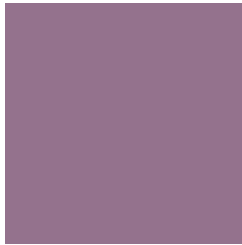


3.9020, 2.0203, 5.3479



# Previews

## White Background



This preview shows how the YUV color 127.2440, 6.7817, 18.2030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

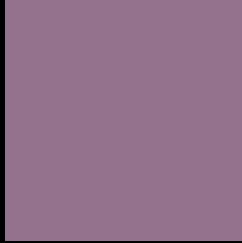
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 127.2440, 6.7817, 18.2030 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 127.2440, 6.7817, 18.2030

## Background



This preview shows how black text looks on a background with the YUV color 127.2440, 6.7817, 18.2030.



This preview shows how white text looks on a background with the YUV color 127.2440, 6.7817,



# 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

127.2440, 6.7817, 18.2030

### Protanopia

124.8390, 10.9254, -4.2438

### Deuteranopia

125.8570, 6.9725, 3.6334



## Tritanopia

126.6970, -0.3436, 16.9287

# Trichromacy



## Original Color

127.2440, 6.7817, 18.2030

## Protanomaly

125.8400, 9.4459, 3.6483

## Deuteranomaly

126.1890, 6.8088, 9.4812

## Tritanomaly

126.9790, 1.9824, 17.5584

# Monochromacy



## Original Color

127.2440, 6.7817, 18.2030

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0270, 2.4517, 6.9923

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.2440, 6.7817, 18.2030 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(148, 114, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 114, 141)  
}
```

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(148, 114, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 114, 141) }
```

## Border

The CSS property to change the border of an element to YUV 127.2440, 6.7817, 18.2030 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(148, 114, 141) }
```



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

```
.border{ border-color:rgb(148, 114, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 114, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 114, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 114, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 114,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 127.2440, 6.7817, 18.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 114, 141) }
```

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

```
.background{ background-color: rgb(148,  
114, 141) }
```

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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