

# Converting Colors

YUV(124.6630, 8.0541, 30.1135)

Have a look what the booklet for  
YUV(124.6630, 8.0541, 30.1135)  
contains.

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# Color

**YUV(124.6630, 8.0541,  
30.1135)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F688D
RGB	159, 104, 141
RGB Percent	62%, 41%, 55%
CMY	0.3765, 0.5922, 0.4471
CMYK	0.00, 0.35, 0.11, 0.38
HSL	320°, 22%, 52%
HSV	320°, 35%, 62%
XYZ	24.0561, 19.1946, 27.6363
YIQ	124.6630, 20.9030, 23.1670

# Conversions

## Conversions Part 2

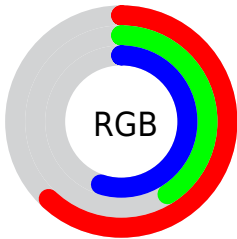
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 104, 141
Decimal	10446989
CIE <sub>Lab</sub>	50.91, 27.85, -11.26
CIE <sub>LCh</sub>	51, 30.043, 337.986
Yxy	19.1946, 0.3394, 0.2708
Android (android.graphics.Color)	4288637069 (0xFF9F688D)
YUV	124.6630, 8.0541, 30.1135
Hunter-Lab	43.8117, 21.3403, -6.7318

# Details

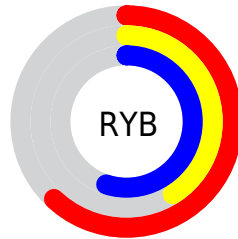
The YUV color **124.6630, 8.0541, 30.1135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.3370, -8.0541, -30.1135**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0870, 8.3381, 32.3727**, and **74.3530, 8.2070, 27.7544** is the 20% darker color. If you saturate the color by 10%, you get **114.7010, 10.5004, 38.8502**, and if you desaturate by 10%, it is **134.6250, 5.6079, 21.3769**.

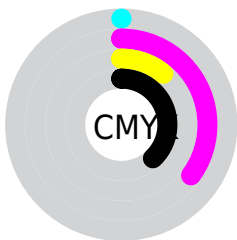
# Distribution



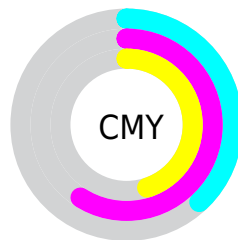
- Red (62%)
- Green (41%)
- Blue (55%)



- Red (62%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.6630, 8.0541, 30.1135 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 124.6630, 8.0541, 30.1135 by changing the saturation by 10% instead.



124.6630, 8.0541,  
30.1135

124.6630, 8.0541,  
30.1135

255.0000, 0.0000,  
0.0000

98.9510, 7.9122,  
28.9840

178.0870, 8.3381,  
32.3727

74.3530, 8.2070,  
27.7544

205.5000, 8.6275,  
32.8875

50.6410, 8.0650,  
26.6248

228.7160, 10.9860,  
23.0511

26.8690, 8.9386,  
26.4249

245.6080, 4.6303,  
8.2368

14.2120, 5.3185,  
20.8621

0.0000, 0.0000,  
0.0000

124.6630, 8.0541,  
30.1135

124.6630, 8.0541,  
30.1135

114.7010, 10.5004,  
38.8502

134.6250, 5.6079,  
21.3769

104.7390, 12.9467,  
47.5869

144.5870, 3.1616,  
12.6402

94.6630, 14.9561,  
56.4235

154.6630, 1.1521,  
3.8035

84.7010, 17.4024,  
65.1602

164.6250, -1.2941,  
-4.9331

75.3260, 19.5593,  
73.3821

174.5870, -3.7404,  
-13.6698

65.3640, 22.0055,  
82.1188


183.9620, -5.8973,  
-21.8917

59.7390, 23.2997,  
87.0519

193.9240, -8.3435,  
-30.6283

204.0000,

-10.3530, -39.4650

 213.9620,  
-12.7993, -48.2017

# Harmonies

## Analogous

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



123.9790, 18.7444, 7.9114



124.6630, 8.0541, 30.1135



123.5260, -4.2033, 41.6347

# Triad

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



124.6630, 8.0541, 30.1135



118.7630, -24.0402, 10.7318



95.9860, 27.6149, -84.1797

# Complementary

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



124.6630, 8.0541, 30.1135



138.3370, -8.0541, -30.1135

# 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.



103.5900, 11.5411, -61.9074



124.6630, 8.0541, 30.1135



115.9390, -17.7179, -10.4705

# Square

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



124.6630, 8.0541, 30.1135



120.8130, -23.0788, 29.1050



111.1130, -4.9857, -34.3021



109.5260, 28.8277, -53.0813



# Rectangle

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



124.6630, 8.0541, 30.1135



122.5770, -11.6235, 41.5900



111.1130, -4.9857, -34.3021



95.3730, 23.9731, -82.7651

# Sweetspot

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



124.6630, 8.0541, 30.1135



193.8750, 3.0196, 11.5106



115.3530, 21.5180, 4.9524



96.7990, 1.5781, 7.1923



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



124.6630, 8.0541, 30.1135



152.6250, 12.5099, 47.6869



121.5850, -3.7394, 32.8130



73.9620, 1.0047, 4.4183



53.7010, 20.8534, 78.3152



5.6250, 2.1569, 8.2219



# Inverse Universe

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



124.6630, 8.0541, 30.1135



152.6250, 12.5099, 47.6869



141.4150, 3.7394, -32.8130



73.9620, 1.0047, 4.4183



53.7010, 20.8534, 78.3152

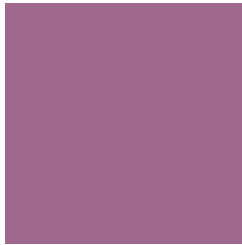


5.6250, 2.1569, 8.2219



# Previews

## White Background



This preview shows how the YUV color 124.6630, 8.0541, 30.1135 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

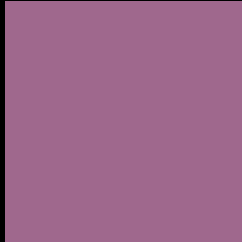
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.6630, 8.0541, 30.1135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

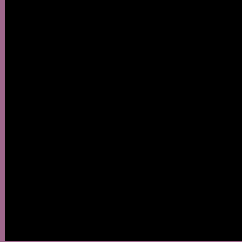
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.6630, 8.0541, 30.1135

## Background



This preview shows how black text looks on a background with the YUV color 124.6630, 8.0541, 30.1135.



This preview shows how white text looks on a background with the YUV color 124.6630, 8.0541,



# 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

124.6630, 8.0541, 30.1135

### Protanopia

121.8540, 14.8620, -6.8880

### Deuteranopia

122.6720, 7.5567, 2.9187



## Tritanopia

123.9650, -3.4337, 28.0947

# Trichromacy



## Original Color

124.6630, 8.0541, 30.1135

## Protanomaly

122.6600, 12.4926, 6.4372

## Deuteranomaly

123.4390, 7.6716, 12.7700

## Tritanomaly

124.1160, 0.9288, 28.8393

# Monochromacy



## Original Color

124.6630, 8.0541, 30.1135

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.5760, 3.1670, 10.8958

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.6630, 8.0541, 30.1135 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(159, 104, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 104, 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(159, 104, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 104, 141) }
```

## Border

The CSS property to change the border of an element to YUV 124.6630, 8.0541, 30.1135 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(159, 104, 141) }
```



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

```
.border{ border-color:rgb(159, 104, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 104, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 104, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 104, 141);  
box-shadow:4px 4px 4px 4px rgb(159, 104,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 124.6630, 8.0541, 30.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 104, 141) }
```

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

```
.background{ background-color: rgb(159,  
104, 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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