

# Converting Colors

YUV(124.9020, 8.9223, 31.6579)

Have a look what the booklet for  
YUV(124.9020, 8.9223, 31.6579)  
contains.

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# Color

**YUV(124.9020, 8.9223,  
31.6579)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1678F
RGB	161, 103, 143
RGB Percent	63%, 40%, 56%
CMY	0.3686, 0.5961, 0.4392
CMYK	0.00, 0.36, 0.11, 0.37
HSL	319°, 24%, 52%
HSV	319°, 36%, 63%
XYZ	24.5061, 19.2607, 28.4127
YIQ	124.9020, 21.7280, 24.7360

# Conversions

## Conversions Part 2

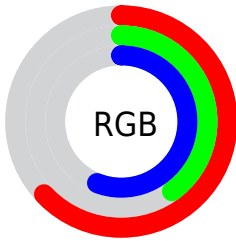
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 103, 143
Decimal	10577807
CIELab	50.99, 29.48, -12.30
CIElCh	51, 31.946, 337.348
Yxy	19.2607, 0.3395, 0.2668
Android (android.graphics.Color)	4288767887 (0xFFA1678F)
YUV	124.9020, 8.9223, 31.6579
Hunter-Lab	43.8871, 22.8704, -7.6637

# Details

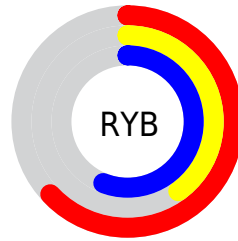
The YUV color **124.9020, 8.9223, 31.6579** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.0980, -8.9223, -31.6579**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3260, 9.2063, 33.9171**, and **74.5920, 9.0751, 29.2988** is the 20% darker color. If you saturate the color by 10%, you get **114.9400, 11.3686, 40.3946**, and if you desaturate by 10%, it is **134.8640, 6.4760, 22.9213**.

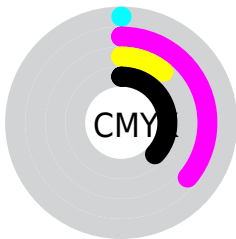
# Distribution



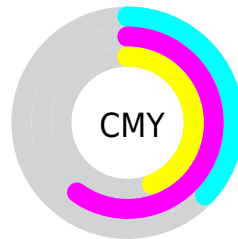
- Red (63%)
- Green (40%)
- Blue (56%)



- Red (63%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (37%)




- Cyan (37%)
- Magenta (60%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.9020, 8.9223, 31.6579 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 124.9020, 8.9223, 31.6579 by changing the saturation by 10% instead.




 124.9020, 8.9223,  
31.6579


 124.9020, 8.9223,  
31.6579

255.0000, 0.0000,  
0.0000


 99.1900, 8.7803,  
30.5284


 178.3260, 9.2063,  
33.9171


 74.5920, 9.0751,  
29.2988


 206.0380, 9.3483,  
35.0467


 50.8800, 8.9332,  
28.1692

 228.3570, 12.1490,  
23.3659

 26.5210, 10.0961,  
28.4841

 245.6080, 4.6303,  
8.2368

 14.6250, 5.6079,  
21.3769

 0.0000, 0.0000,  
0.0000

124.9020, 8.9223,  
31.6579

124.9020, 8.9223,  
31.6579

114.9400, 11.3686,  
40.3946

134.8640, 6.4760,  
22.9213

104.9780, 13.8148,  
49.1313

144.8260, 4.0298,  
14.1846

95.0160, 16.2611,  
57.8680

154.7880, 1.5835,  
5.4479

85.0540, 18.7074,  
66.6046

164.7500, -0.8628,  
-3.2887

75.0920, 21.1536,  
75.3413

175.2990, -3.5984,  
-12.5402

64.5430, 23.8893,  
84.5928


185.2610, -6.0447,  
-21.2769

60.7930, 24.7521,  
87.8815

195.2230, -8.4909,  
-30.0136

205.1850,

-10.9372, -38.7502

 215.1470,  
-13.3835, -47.4869

# Harmonies

## Analogous

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



124.3210, 20.0547, 7.6115



124.9020, 8.9223, 31.6579



123.9500, -3.9194, 43.8939

# Triad

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



124.9020, 8.9223, 31.6579



118.6060, -25.9348, 11.7465



96.8010, 28.1991, -84.8945

# Complementary

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



124.9020, 8.9223, 31.6579



139.0980, -8.9223, -31.6579

# 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.



99.9910, 13.3154, -71.0291



124.9020, 8.9223, 31.6579



115.8850, -19.1703, -11.3001

# Square

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



124.9020, 8.9223, 31.6579



121.0690, -24.6840, 30.6345



110.6890, -5.2697, -36.5613



106.5680, 31.7650, -61.8881



# Rectangle

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



124.9020, 8.9223, 31.6579



122.7730, -12.2131, 44.0491



110.6890, -5.2697, -36.5613



95.8890, 24.7047, -84.0947

# Sweetspot

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



124.9020, 8.9223, 31.6579



194.7010, 3.5984, 12.5402



114.6950, 22.8284, 4.6525



96.2120, 1.8675, 7.7071



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.



124.9020, 8.9223, 31.6579



152.9780, 13.8148, 49.1313



121.7100, -3.3080, 34.4573



76.3750, 1.2941, 4.9331



54.7550, 22.3058, 79.1449



6.7500, 2.5882, 9.8663



# Inverse Universe

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



124.9020, 8.9223, 31.6579



152.9780, 13.8148, 49.1313



142.2900, 3.3080, -34.4573



76.3750, 1.2941, 4.9331



54.7550, 22.3058, 79.1449

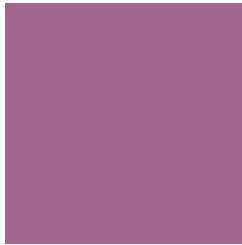


6.7500, 2.5882, 9.8663



# Previews

## White Background



This preview shows how the YUV color 124.9020, 8.9223, 31.6579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

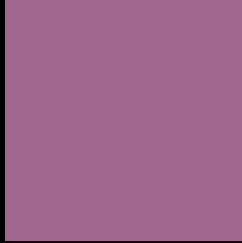
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.9020, 8.9223, 31.6579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

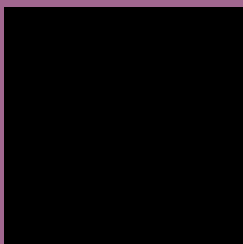
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.9020, 8.9223, 31.6579

## Background



This preview shows how black text looks on a background with the YUV color 124.9020, 8.9223, 31.6579.



This preview shows how white text looks on a background with the YUV color 124.9020, 8.9223,



# 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

124.9020, 8.9223, 31.6579

### Protanopia

122.4840, 16.0304, -8.3175

### Deuteranopia

123.1880, 8.2883, 1.5891



## Tritanopia

123.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

124.9020, 8.9223, 31.6579

## Protanomaly

123.0020, 13.8030, 6.1372

## Deuteranomaly

123.6670, 8.5452, 12.5700

## Tritanomaly

124.1270, 0.9234, 30.5836

# Monochromacy



## Original Color

124.9020, 8.9223, 31.6579

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9890, 3.4564, 11.4106

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.9020, 8.9223, 31.6579 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(161, 103, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 103, 143)  
}
```

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(161, 103, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 103, 143) }
```

## Border

The CSS property to change the border of an element to YUV 124.9020, 8.9223, 31.6579 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(161, 103, 143) }
```



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

```
.border{ border-color:rgb(161, 103, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 103, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 103, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 103, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 103,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 124.9020, 8.9223, 31.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 103, 143) }
```

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

```
.background{ background-color: rgb(161,  
103, 143) }
```

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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