

Converting Colors

YUV(120.4560, 8.6492, 25.9101)

Have a look what the booklet for
YUV(120.4560, 8.6492, 25.9101)
contains.

YUV(120.4560, 8.6492, 25.9101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.4560, 8.6492,
25.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	96668A
RGB	150, 102, 138
RGB Percent	59%, 40%, 54%
CMY	0.4118, 0.6000, 0.4588
CMYK	0.00, 0.32, 0.08, 0.41
HSL	315°, 19%, 49%
HSV	315°, 32%, 59%
XYZ	21.9165, 17.8218, 26.3296
YIQ	120.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

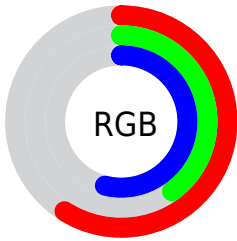
Format	Color
RYB	150, 102, 138
Decimal	9856650
CIELab	49.28, 25.23, -12.05
CIELCh	49, 27.961, 334.468
Yxy	17.8218, 0.3317, 0.2697
Android (android.graphics.Color)	4288046730 (0xFF96668A)
YUV	120.4560, 8.6492, 25.9101
Hunter-Lab	42.2158, 18.7912, -7.4275

Details

The YUV color **120.4560, 8.6492, 25.9101** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.5440, -8.6492, -25.9101**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4670, 8.6438, 27.6544**, and **71.0320, 8.3652, 23.6509** is the 20% darker color. If you saturate the color by 10%, you get **111.1950, 11.2429, 34.0320**, and if you desaturate by 10%, it is **129.7170, 6.0555, 17.7882**.

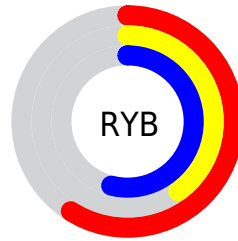
Distribution



Red (59%)

Green (40%)

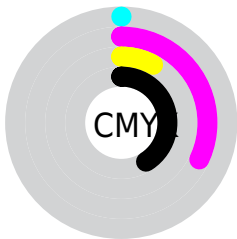
Blue (54%)



Red (59%)

Yellow (40%)

Blue (54%)

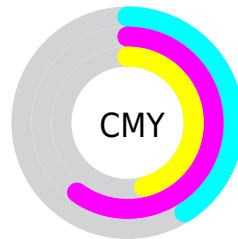


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (41%)



Cyan (41%)


Magenta (60%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4560, 8.6492, 25.9101 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 120.4560, 8.6492, 25.9101 by changing the saturation by 10% instead.


 120.4560, 8.6492,
25.9101


 120.4560, 8.6492,
25.9101


255.0000, 0.0000,
0.0000


 95.7440, 8.5072,
24.7805


 173.4670, 8.6438,
27.6544


 71.0320, 8.3652,
23.6509

 200.8800, 8.9332,
28.1692

 47.7330, 8.5126,
23.0362

 226.6130, 10.5438,
24.8954

 25.1350, 8.8074,
21.8066

 244.4340, 5.2090,
9.2664

 11.7770, 5.0399,
16.8586

 0.0000, 0.0000,
0.0000

120.4560, 8.6492,
25.9101

120.4560, 8.6492,
25.9101

111.1950, 11.2429,
34.0320

129.7170, 6.0555,
17.7882

102.0480, 14.2733,
42.0539

138.9780, 3.4618,
9.6663

92.7870, 16.8670,
50.1758

148.1250, 0.4314,
1.6444

83.5260, 19.4607,
58.2977

157.3860, -2.1623,
-6.4775

74.2650, 22.0544,
66.4196

166.6470, -4.7560,
-14.5994

65.1180, 25.0848,
74.4415


175.9080, -7.3496,
-22.7213

57.7320, 27.2471,
80.9190

185.0550,
-10.3801, -30.7432

194.3160,

-12.9738, -38.8651

 203.5770,
-15.5675, -46.9870

Harmonies

Analogous

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



119.7290, 17.8816, 4.6227



120.4560, 8.6492, 25.9101



119.5470, -2.7347, 37.2313

Triad

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



120.4560, 8.6492, 25.9101



115.1160, -22.7352, 12.1763



98.0050, 22.1825, -68.4104

Complementary

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



120.4560, 8.6492, 25.9101



131.5440, -8.6492, -25.9101

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.



103.1460, 8.3090, -51.8710



120.4560, 8.6492, 25.9101



112.6620, -17.5814, -7.5966

Square

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



120.4560, 8.6492, 25.9101



117.3830, -20.8948, 28.6051



108.5050, -6.1650, -29.3839



105.8530, 26.2015, -50.7371

Rectangle

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



120.4560, 8.6492, 25.9101



118.7230, -9.7234, 38.8309



108.5050, -6.1650, -29.3839



98.9900, 18.2459, -65.7662

Sweetspot

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



120.4560, 8.6492, 25.9101



181.6900, 3.6038, 10.7959



111.0600, 19.1974, 2.5784



89.6140, 2.1623, 6.4775



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.



120.4560, 8.6492, 25.9101



148.3960, 13.1158, 39.9947



117.7200, -1.8340, 28.3096



69.6630, 1.1521, 3.8035



53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Inverse Universe

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



120.4560, 8.6492, 25.9101



148.3960, 13.1158, 39.9947



134.2800, 1.8340, -28.3096



69.6630, 1.1521, 3.8035



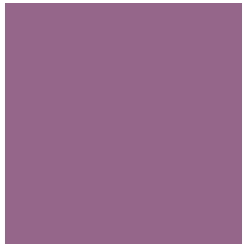
53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 120.4560, 8.6492, 25.9101 looks on a white background.

Color Contrast Check

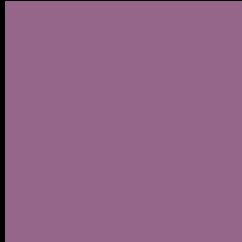
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4560, 8.6492, 25.9101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

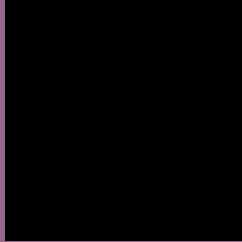
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4560, 8.6492, 25.9101

Background



This preview shows how black text looks on a background with the YUV color 120.4560, 8.6492, 25.9101.



This preview shows how white text looks on a background with the YUV color 120.4560, 8.6492,

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

120.4560, 8.6492, 25.9101

Protanopia

117.8540, 14.8620, -6.8880

Deuteranopia

118.8890, 8.4357, 0.9743



Tritanopia

119.2850, -2.1125, 24.3061

Trichromacy



Original Color

120.4560, 8.6492, 25.9101

Protanomaly

118.9480, 12.3506, 5.3076

Deuteranomaly

119.3570, 8.6980, 10.2109

Tritanomaly

119.9090, 1.5239, 24.6358

Monochromacy



Original Color

120.4560, 8.6492, 25.9101

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4560, 8.6492, 25.9101 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(150, 102, 138)` looks like.

```
.text, #text, p{  
    color:rgb(150, 102, 138)  
}
```

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(150, 102, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 102, 138) }
```

Border

The CSS property to change the border of an element to YUV 120.4560, 8.6492, 25.9101 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(150, 102, 138) }
```


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

```
.border{ border-color:rgb(150, 102, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 102, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 102, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 102, 138);  
box-shadow:4px 4px 4px 4px rgb(150, 102,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 120.4560, 8.6492, 25.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 102, 138) }
```

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

```
.background{ background-color: rgb(150,  
102, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor