

Converting Colors

YUV(123.3520, 9.6865, 19.8623)

Have a look what the booklet for
YUV(123.3520, 9.6865, 19.8623)
contains.

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Color

**YUV(123.3520, 9.6865,
19.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	926C8F
RGB	146, 108, 143
RGB Percent	57%, 42%, 56%
CMY	0.4275, 0.5765, 0.4392
CMYK	0.00, 0.26, 0.02, 0.43
HSL	305°, 15%, 50%
HSV	305°, 26%, 57%
XYZ	22.1745, 18.8193, 28.4504
YIQ	123.3520, 11.4130, 18.9410

Conversions

Conversions Part 2

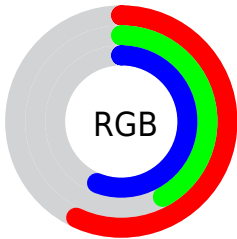
Format	Color
R_{YB}	146, 108, 143
Decimal	9596047
CIE _{Lab}	50.48, 21.27, -13.25
CIE _{LCh}	50, 25.063, 328.086
Yxy	18.8193, 0.3193, 0.2710
Android (android.graphics.Color)	4287786127 (0xFF926C8F)
YUV	123.3520, 9.6865, 19.8623
Hunter-Lab	43.3812, 15.3242, -8.5169

Details

The YUV color $123.3520, 9.6865, 19.8623$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $130.6480, -9.6865, -19.8623$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.1780, 10.2652, 20.8919$, and $74.2270, 9.2551, 18.2179$ is the 20% darker color. If you saturate the color by 10%, you get $114.4330, 13.5905, 27.6843$, and if you desaturate by 10%, it is $132.2710, 5.7824, 12.0403$.

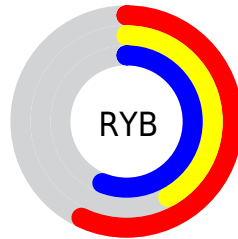
Distribution



Red (57%)

Green (42%)

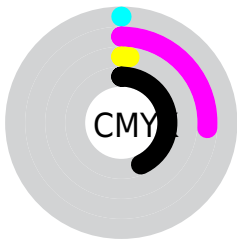
Blue (56%)



Red (57%)

Yellow (42%)

Blue (56%)

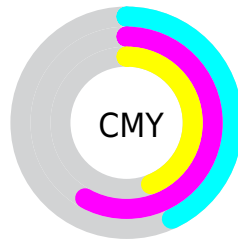


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.3520, 9.6865, 19.8623 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 123.3520, 9.6865, 19.8623 by changing the saturation by 10% instead.


 123.3520, 9.6865,
19.8623


 123.3520, 9.6865,
19.8623


255.0000, 0.0000,
0.0000


 97.9390, 9.3971,
19.3475


 176.1780, 10.2652,
20.8919


 74.2270, 9.2551,
18.2179


 203.8900, 10.4072,
22.0215

 50.8140, 8.9657,
17.7031

 231.2920, 10.7020,
20.7919

 29.1020, 8.8237,
16.5735

 247.9560, 3.4727,
6.1776

 11.9340, 6.9345,
15.8439

 0.0000, 0.0000,
0.0000

123.3520, 9.6865,
19.8623

123.3520, 9.6865,
19.8623

114.4330, 13.5905,
27.6843

132.2710, 5.7824,
12.0403

106.1010, 17.2052,
34.9914

140.6030, 2.1677,
4.7332

97.1820, 21.1093,
42.8134

149.5220, -1.7363,
-3.0888

88.7360, 24.2872,
50.2205

157.9680, -4.9142,
-10.4959

79.8170, 28.1912,
58.0425

166.8870, -8.8183,
-18.3179

70.8980, 32.0953,
65.8645

175.8060,
-12.7224, -26.1399

62.5660, 35.7100,
73.1716


184.1380,
-16.3370, -33.4470

58.9300, 37.0095,

193.0570,

76.3604

-20.2411, -41.2690

 201.3890,
-23.8558, -48.5762

Harmonies

Analogous

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



121.6960, 17.8979, -0.6104



123.3520, 9.6865, 19.8623



122.7960, -0.3924, 32.6279

Triad

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



123.3520, 9.6865, 19.8623



118.7080, -20.5620, 15.1651



107.0950, 15.7292, -51.8263

Complementary

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



123.3520, 9.6865, 19.8623



130.6480, -9.6865, -19.8623

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.



110.0720, 3.9085, -40.4051



123.3520, 9.6865, 19.8623



116.8090, -17.1608, -2.4635

Square

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



123.3520, 9.6865, 19.8623



120.5940, -17.5478, 28.4201



113.9790, -8.3706, -21.9066



110.5610, 22.4014, -45.2190

Rectangle

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



123.3520, 9.6865, 19.8623



122.0970, -6.9498, 35.8719



113.9790, -8.3706, -21.9066



107.8950, 12.3768, -49.8969

Sweetspot

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



123.3520, 9.6865, 19.8623



180.0810, 3.9041, 7.8220



113.2290, 16.1561, -1.9548



88.7170, 2.6045, 4.6332



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.3520, 9.6865, 19.8623



153.7970, 14.8901, 30.8730



121.1860, 1.3873, 21.7619



69.7770, 1.5889, 3.7036



55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Inverse Universe

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



123.3520, 9.6865, 19.8623



153.7970, 14.8901, 30.8730



132.8140, -1.3873, -21.7619



69.7770, 1.5889, 3.7036



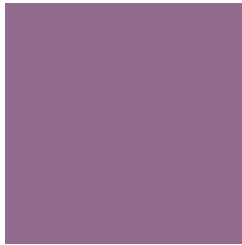
55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 123.3520, 9.6865, 19.8623 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 123.3520, 9.6865, 19.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

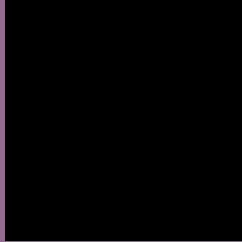
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3520, 9.6865, 19.8623

Background



This preview shows how black text looks on a background with the YUV color 123.3520, 9.6865, 19.8623.



This preview shows how white text looks on a background with the YUV color 123.3520, 9.6865,

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

123.3520, 9.6865, 19.8623

Protanopia

120.8540, 14.8620, -6.8880

Deuteranopia

121.8180, 9.4567, 0.1596



Tritanopia

122.2950, -0.6384, 18.1583

Trichromacy



Original Color

123.3520, 9.6865, 19.8623

Protanomaly

121.7520, 12.9403, 2.8485

Deuteranomaly

122.2750, 9.7244, 7.6518

Tritanomaly

122.9190, 2.9979, 18.4880

Monochromacy



Original Color

123.3520, 9.6865, 19.8623

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3520, 9.6865, 19.8623 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(146, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 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(146, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 143) }
```

Border

The CSS property to change the border of an element to YUV 123.3520, 9.6865, 19.8623 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(146, 108, 143) }
```


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

```
.border{ border-color:rgb(146, 108, 143) }
```

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

Here you see how a box with a 4 pixel rgb(146, 108, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 123.3520, 9.6865, 19.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 143) }
```

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

```
.background{ background-color: rgb(146,  
108, 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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