

Converting Colors

YUV(123.7920, 12.4275,
27.3694)

Have a look what the booklet for
YUV(123.7920, 12.4275, 27.3694)
contains.

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Color

**YUV(123.7920, 12.4275,
27.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6795
RGB	155, 103, 149
RGB Percent	61%, 40%, 58%
CMY	0.3922, 0.5961, 0.4157
CMYK	0.00, 0.34, 0.04, 0.39
HSL	307°, 21%, 51%
HSV	307°, 34%, 61%
XYZ	23.7926, 18.8390, 30.8160
YIQ	123.7920, 16.2260, 25.3300

Conversions

Conversions Part 2

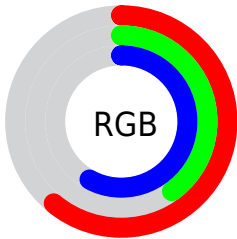
Format	Color
R _Y B	155, 103, 149
Decimal	10184597
CIE Lab	50.50, 28.49, -16.66
CIE LCh	50, 33.000, 329.680
Yxy	18.8390, 0.3239, 0.2565
Android (android.graphics.Color)	4288374677 (0xFF9B6795)
YUV	123.7920, 12.4275, 27.3694
Hunter-Lab	43.4039, 21.8912, -11.7122

Details

The YUV color **123.7920, 12.4275, 27.3694** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.2080, -12.4275, -27.3694**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9170, 12.8589, 29.0138**, and **74.2540, 11.7068, 25.2102** is the 20% darker color. If you saturate the color by 10%, you get **114.7590, 15.8948, 35.2914**, and if you desaturate by 10%, it is **133.4120, 8.6709, 18.9327**.

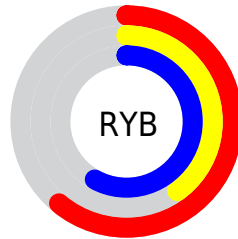
Distribution



Red (61%)

Green (40%)

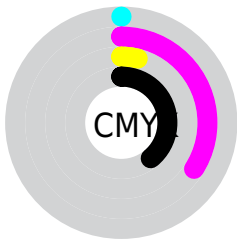
Blue (58%)



Red (61%)

Yellow (40%)

Blue (58%)

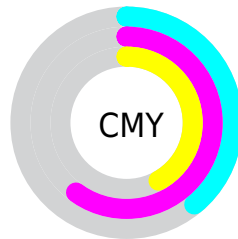


Cyan (0%)

Magenta (34%)

Yellow (4%)

Black (39%)



Cyan (39%)


Magenta (60%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.7920, 12.4275, 27.3694 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 123.7920, 12.4275, 27.3694 by changing the saturation by 10% instead.


 123.7920, 12.4275,
27.3694


 123.7920, 12.4275,
27.3694

255.0000, 0.0000,
0.0000


 98.0800, 12.2856,
26.2398


 176.9170, 12.8589,
29.0138


 74.2540, 11.7068,
25.2102


 204.6290, 13.0009,
30.1434


 49.9550, 11.8542,
24.5955

 228.5850, 13.0226,
23.1660

 26.6560, 12.0016,
23.9807

 245.0210, 4.9196,
8.7516

 13.9990, 8.3815,
18.4179

 0.1140, 0.4368,
-0.1000

 0.0000, 0.0000,

0.0000

■ 123.7920, 12.4275,
27.3694

■ 123.7920, 12.4275,
27.3694

■ 114.7590, 15.8948,
35.2914

■ 133.4120, 8.6709,
18.9327

■ 105.1390, 19.6515,
43.7281

■ 142.4450, 5.2036,
11.0107

■ 96.2200, 23.5555,
51.5501

■ 151.9510, 1.0102,
2.6740

■ 86.6000, 27.3122,
59.9868

■ 160.9840, -2.4571,
-5.2480

■ 77.5670, 30.7795,
67.9087

■ 170.0170, -5.9244,
-13.1699

■ 67.9470, 34.5361,
76.3455

■ 179.6370, -9.6810,
-21.6066

61.9630, 36.9932,
81.5934

189.2570,
-13.4377, -30.0434

198.1760,
-17.3418, -37.8654

207.2090,
-20.8090, -45.7873

Harmonies

Analogous

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



122.0750, 23.1340, -0.0658



123.7920, 12.4275, 27.3694



122.8620, -0.4250, 43.0940

Triad

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



123.7920, 12.4275, 27.3694



117.7100, -26.9720, 17.7943



95.4160, 25.4309, -83.6798

Complementary

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



123.7920, 12.4275, 27.3694



134.2080, -12.4275, -27.3694

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.



100.8840, 8.9312, -64.7963



123.7920, 12.4275, 27.3694



115.1200, -22.2442, -5.3672

Square

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



123.7920, 12.4275, 27.3694



120.3300, -23.8267, 35.6676



110.2830, -9.5065, -30.9432



95.4620, 35.7612, -83.7202

Rectangle

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



123.7920, 12.4275, 27.3694



121.2940, -9.0189, 46.2232



110.2830, -9.5065, -30.9432



94.9770, 21.2103, -83.2948

Sweetspot

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



123.7920, 12.4275, 27.3694



189.0320, 4.9142, 10.4959



110.4230, 21.9765, -2.1250



94.8420, 3.0359, 6.2776



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.7920, 12.4275, 27.3694



153.0140, 19.2201, 42.0837



120.9420, 1.5076, 29.8689



72.1900, 1.8783, 4.2184



55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Inverse Universe

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



123.7920, 12.4275, 27.3694



153.0140, 19.2201, 42.0837



137.0580, -1.5076, -29.8689



72.1900, 1.8783, 4.2184



55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 123.7920, 12.4275, 27.3694 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 123.7920, 12.4275, 27.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

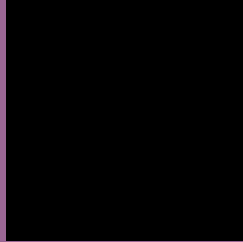
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7920, 12.4275, 27.3694

Background



This preview shows how black text looks on a background with the YUV color 123.7920, 12.4275, 27.3694.



This preview shows how white text looks on a background with the YUV color 123.7920, 12.4275,

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

123.7920, 12.4275, 27.3694

Protanopia

120.7980, 19.8196, -10.3468

Deuteranopia

121.4910, 12.0829, -2.1846



Tritanopia

122.5840, -2.2599, 24.9208

Trichromacy



Original Color

123.7920, 12.4275, 27.3694

Protanomaly

121.9030, 17.3028, 3.5931

Deuteranomaly

122.5570, 12.0504, 8.2815

Tritanomaly

122.9630, 2.9762, 25.4654

Monochromacy



Original Color

123.7920, 12.4275, 27.3694

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6190, 4.6248, 9.9811

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7920, 12.4275, 27.3694 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(155, 103, 149)` looks like.

```
.text, #text, p{  
    color:rgb(155, 103, 149)  
}
```

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(155, 103, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 103, 149) }
```

Border

The CSS property to change the border of an element to YUV 123.7920, 12.4275, 27.3694 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(155, 103, 149) }
```


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

```
.border{ border-color:rgb(155, 103, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 103, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 103, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 103, 149);  
box-shadow:4px 4px 4px 4px rgb(155, 103,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 123.7920, 12.4275, 27.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 103, 149) }
```

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

```
.background{ background-color: rgb(155,  
103, 149) }
```

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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