

Converting Colors

YUV(123.8100, 5.0237, 22.0916)

Have a look what the booklet for
YUV(123.8100, 5.0237, 22.0916)
contains.

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Color

**YUV(123.8100, 5.0237,
22.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	956D86
RGB	149, 109, 134
RGB Percent	58%, 43%, 53%
CMY	0.4157, 0.5725, 0.4745
CMYK	0.00, 0.27, 0.10, 0.42
HSL	322°, 16%, 51%
HSV	322°, 27%, 58%
XYZ	22.1661, 19.0481, 25.0626
YIQ	123.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

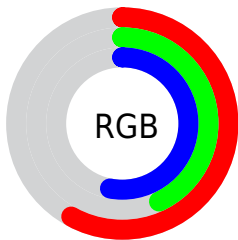
Format	Color
R_{YB}	149, 109, 134
Decimal	9792902
CIE Lab	50.74, 20.08, -7.50
CIE LCh	51, 21.432, 339.529
Yxy	19.0481, 0.3344, 0.2874
Android (android.graphics.Color)	4287982982 (0xFF956D86)
YUV	123.8100, 5.0237, 22.0916
Hunter-Lab	43.6441, 14.2801, -3.4964

Details

The YUV color **123.8100, 5.0237, 22.0916** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.1900, -5.0237, -22.0916**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8210, 5.0182, 23.8360**, and **74.6850, 4.5923, 20.4473** is the 20% darker color. If you saturate the color by 10%, you get **114.3210, 6.7437, 30.4135**, and if you desaturate by 10%, it is **133.2990, 3.3036, 13.7698**.

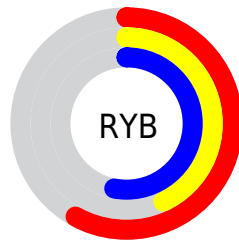
Distribution



Red (58%)

Green (43%)

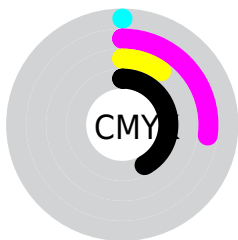
Blue (53%)



Red (58%)

Yellow (43%)

Blue (53%)

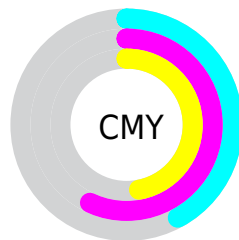


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8100, 5.0237, 22.0916 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 123.8100, 5.0237, 22.0916 by changing the saturation by 10% instead.

123.8100, 5.0237,
22.0916

123.8100, 5.0237,
22.0916

255.0000, 0.0000,
0.0000

98.5110, 5.1711,
21.4769

176.8210, 5.0182,
23.8360

74.6850, 4.5923,
20.4473

204.2340, 5.3076,
24.3508

51.0870, 4.8871,
19.2177

230.7390, 6.0447,
21.2769

29.3750, 4.7451,
18.0881

248.5430, 3.1833,
5.6628

11.7340, 3.5821,
17.7733

0.0000, 0.0000,
0.0000

■ 123.8100, 5.0237,
22.0916

■ 123.8100, 5.0237,
22.0916

■ 114.3210, 6.7437,
30.4135

■ 133.2990, 3.3036,
13.7698

■ 104.9460, 8.9006,
38.6354

■ 142.6740, 1.1467,
5.5479

■ 95.4570, 10.6207,
46.9572

■ 152.1630, -0.5734,
-2.7740

■ 86.0820, 12.7776,
55.1791

■ 161.5380, -2.7302,
-10.9958

■ 76.5930, 14.4977,
63.5009

■ 171.0270, -4.4503,
-19.3177

■ 67.6910, 15.9283,
71.3080

■ 179.9290, -5.8810,
-27.1247

■ 58.3160, 18.0852,
79.5299


■ 189.3040, -8.0379,
-35.3466

■ 55.1530, 18.6586,

■ 198.7930, -9.7579,

82.3038

-43.6685

 208.1680,
-11.9148, -51.8903

Harmonies

Analogous

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



123.0730, 12.7820, 6.9520



123.8100, 5.0237, 22.0916



122.9760, -3.4392, 29.8390

Triad

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



123.8100, 5.0237, 22.0916



119.5760, -17.0460, 7.3878



112.3460, 15.1124, -40.6454

Complementary

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



123.8100, 5.0237, 22.0916



134.1900, -5.0237, -22.0916

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.



112.1910, 6.8078, -37.0015



123.8100, 5.0237, 22.0916



117.3290, -12.4872, -8.1815

Square

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



123.8100, 5.0237, 22.0916



120.7780, -16.6526, 21.2427



114.5210, -3.7079, -24.1359



115.8510, 19.3005, -30.5643

Rectangle

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



123.8100, 5.0237, 22.0916



122.7820, -9.2595, 30.0092



114.5210, -3.7079, -24.1359



111.4770, 13.0758, -40.7603

Sweetspot

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



123.8100, 5.0237, 22.0916



183.9240, 2.0095, 8.8367



118.0450, 15.2608, 5.2225



90.6740, 1.1467, 5.5479



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.



123.8100, 5.0237, 22.0916



154.9840, 7.8959, 34.2170



121.5300, -3.7123, 24.0912



69.5490, 0.7153, 3.9035



51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Inverse Universe

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



123.8100, 5.0237, 22.0916



154.9840, 7.8959, 34.2170



136.4700, 3.7123, -24.0912



69.5490, 0.7153, 3.9035



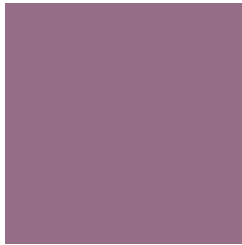
51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 123.8100, 5.0237, 22.0916 looks on a white background.

Color Contrast Check

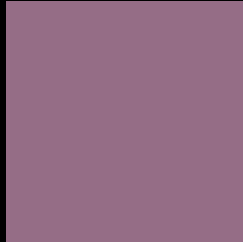
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.8100, 5.0237, 22.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

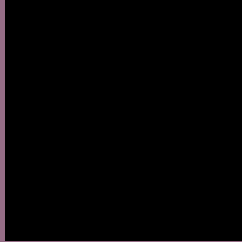
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8100, 5.0237, 22.0916

Background



This preview shows how black text looks on a background with the YUV color 123.8100, 5.0237, 22.0916.



This preview shows how white text looks on a background with the YUV color 123.8100, 5.0237,

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

123.8100, 5.0237, 22.0916

Protanopia

121.4970, 9.6150, -3.9439

Deuteranopia

122.5860, 4.6411, 4.7481



Tritanopia

122.7900, -1.3755, 21.2322

Trichromacy



Original Color

123.8100, 5.0237, 22.0916

Protanomaly

122.3950, 7.6933, 5.7926

Deuteranomaly

123.3310, 4.7668, 11.1107

Tritanomaly

123.0720, 0.9505, 21.8619

Monochromacy



Original Color

123.8100, 5.0237, 22.0916

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8100, 5.0237, 22.0916 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(149, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(149, 109, 134)  
}
```

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(149, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 109, 134) }
```

Border

The CSS property to change the border of an element to YUV 123.8100, 5.0237, 22.0916 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(149, 109, 134) }
```


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

```
.border{ border-color:rgb(149, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 109,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 123.8100, 5.0237, 22.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 109, 134) }
```

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

```
.background{ background-color: rgb(149,  
109, 134) }
```

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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