

Converting Colors

YUV(120.8100, 5.0237, 22.0916)

Have a look what the booklet for
YUV(120.8100, 5.0237, 22.0916)
contains.

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Color

**YUV(120.8100, 5.0237,
22.0916)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 926A83 |
| RGB | 146, 106, 131 |
| RGB Percent | 57%, 42%, 51% |
| CMY | 0.4275, 0.5843, 0.4863 |
| CMYK | 0.00, 0.27, 0.10, 0.43 |
| HSL | 322°, 16%, 49% |
| HSV | 322°, 27%, 57% |
| XYZ | 21.1048, 18.0578, 23.8459 |
| YIQ | 120.8100, 15.8150, 16.2550 |

Conversions

Conversions Part 2

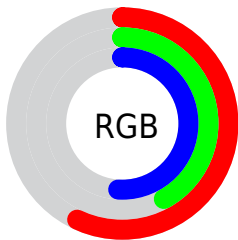
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 146, 106, 131 |
| Decimal | 9595523 |
| CIE _{Lab} | 49.57, 20.16, -7.51 |
| CIE _{LCh} | 50, 21.514, 339.572 |
| Yxy | 18.0578, 0.3350, 0.2866 |
| Android (android.graphics.Color) | 4287785603 (0xFF926A83) |
| YUV | 120.8100, 5.0237, 22.0916 |
| Hunter-Lab | 42.4944, 14.2867, -3.5247 |

Details

The YUV color **120.8100, 5.0237, 22.0916** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.1900, -5.0237, -22.0916**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5220, 5.1657, 23.2212**, and **71.7990, 5.0291, 20.3473** is the 20% darker color. If you saturate the color by 10%, you get **111.4350, 7.1805, 30.3135**, and if you desaturate by 10%, it is **130.1850, 2.8668, 13.8698**.

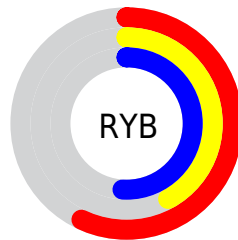
Distribution



Red (57%)

Green (42%)

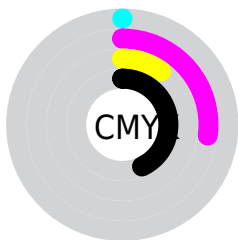
Blue (51%)



Red (57%)

Yellow (42%)

Blue (51%)

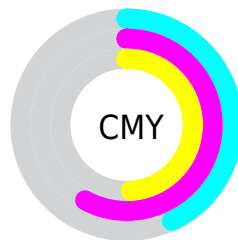


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (43%)



Cyan (43%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.8100, 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 120.8100, 5.0237, 22.0916 by changing the saturation by 10% instead.


 120.8100, 5.0237,
22.0916

 120.8100, 5.0237,
22.0916


255.0000, 0.0000,
0.0000


 96.0980, 4.8817,
20.9621


 173.5220, 5.1657,
23.2212


 71.7990, 5.0291,
20.3473

 201.2340, 5.3076,
24.3508

 49.0870, 4.8871,
19.2177

 228.0490, 5.8918,
23.6360

 26.4890, 5.1819,
17.9881

 246.7820, 4.0515,
7.2072

 10.4950, 2.7140,
16.2289

 0.0000, 0.0000,
0.0000

120.8100, 5.0237,
22.0916

120.8100, 5.0237,
22.0916

111.4350, 7.1805,
30.3135

130.1850, 2.8668,
13.8698

102.5330, 8.6112,
38.1206

139.0870, 1.4361,
6.0627

93.1580, 10.7681,
46.3424

148.4620, -0.7208,
-2.1592

84.2560, 12.1988,
54.1495

157.3640, -2.1515,
-9.9662

74.8810, 14.3557,
62.3714

166.7390, -4.3083,
-18.1881

65.3920, 16.0757,
70.6932

176.2280, -6.0284,
-26.5100

56.6040, 17.9432,
78.4003


185.0160, -7.8959,
-34.2170

54.0280, 18.2272,

194.5050, -9.6160,

80.6594

-42.5389

 203.2930,
-11.4834, -50.2460

Harmonies

Analogous

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



120.0730, 12.7820, 6.9520



120.8100, 5.0237, 22.0916



119.9760, -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.



120.8100, 5.0237, 22.0916



116.5760, -17.0460, 7.3878



109.0470, 15.2598, -41.2602

Complementary

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



120.8100, 5.0237, 22.0916



131.1900, -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.



108.8920, 6.9552, -37.6163



120.8100, 5.0237, 22.0916



114.3290, -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.



120.8100, 5.0237, 22.0916



117.7780, -16.6526, 21.2427



111.6350, -3.2711, -24.2359



112.5520, 19.4479, -31.1791

Rectangle

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



120.8100, 5.0237, 22.0916



119.7820, -9.2595, 30.0092



111.6350, -3.2711, -24.2359



108.1780, 13.2232, -41.3751

Sweetspot

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



120.8100, 5.0237, 22.0916



179.5110, 1.7201, 8.3219



115.0450, 15.2608, 5.2225



88.3750, 1.2941, 4.9331



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.



120.8100, 5.0237, 22.0916



149.2830, 7.7485, 34.8318



118.5300, -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.



120.8100, 5.0237, 22.0916



149.2830, 7.7485, 34.8318



133.4700, 3.7123, -24.0912



69.5490, 0.7153, 3.9035



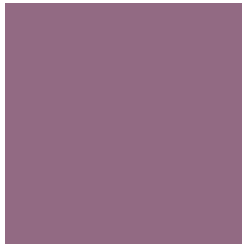
51.0660, 17.2225, 76.2411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 120.8100, 5.0237, 22.0916 looks on a white background.

Color Contrast Check

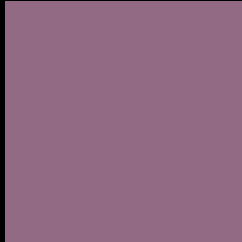
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8100, 5.0237, 22.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

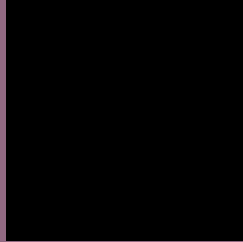
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8100, 5.0237, 22.0916

Background



This preview shows how black text looks on a background with the YUV color 120.8100, 5.0237, 22.0916.



This preview shows how white text looks on a background with the YUV color 120.8100, 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

120.8100, 5.0237, 22.0916

Protanopia

118.4970, 9.6150, -3.9439

Deuteranopia

119.2870, 4.7885, 4.1333



Tritanopia

119.7900, -1.3755, 21.2322

Trichromacy



Original Color

120.8100, 5.0237, 22.0916

Protanomaly

119.3950, 7.6933, 5.7926

Deuteranomaly

120.0320, 4.9142, 10.4959

Tritanomaly

120.0720, 0.9505, 21.8619

Monochromacy



Original Color

120.8100, 5.0237, 22.0916

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8100, 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(146, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(146, 106, 131)  
}
```

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, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 106, 131) }
```

Border

The CSS property to change the border of an element to YUV 120.8100, 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(146, 106, 131) }
```


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

```
.border{ border-color:rgb(146, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 106, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 106, 131); box-shadow:4px 4px 4px 4px rgb(146, 106, 131) }
```

Background

The CSS property to change the background color of an element to YUV 120.8100, 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(146, 106, 131) }
```

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

```
.background{ background-color: rgb(146,  
106, 131) }
```

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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