

Converting Colors

YUV(124.2080, 4.8275, 38.4056)

Have a look what the booklet for
YUV(124.2080, 4.8275, 38.4056)
contains.

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Color

**YUV(124.2080, 4.8275,
38.4056)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A86486 |
| RGB | 168, 100, 134 |
| RGB Percent | 66%, 39%, 53% |
| CMY | 0.3412, 0.6078, 0.4745 |
| CMYK | 0.00, 0.40, 0.20, 0.34 |
| HSL | 330°, 28%, 53% |
| HSV | 330°, 40%, 66% |
| XYZ | 25.0087, 19.1604, 24.9345 |
| YIQ | 124.2080, 29.6140, 24.9900 |

Conversions

Conversions Part 2

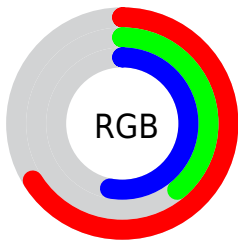
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 168, 100, 134 |
| Decimal | 11035782 |
| CIE _{Lab} | 50.87, 32.14, -7.06 |
| CIE _{LCh} | 51, 32.911, 347.612 |
| Yxy | 19.1604, 0.3619, 0.2773 |
| Android (android.graphics.Color) | 4289225862 (0xFFA86486) |
| YUV | 124.2080, 4.8275, 38.4056 |
| Hunter-Lab | 43.7726, 25.3808, -3.1329 |

Details

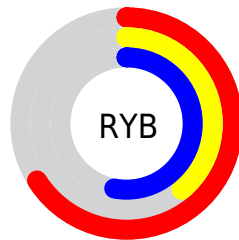
The YUV color **124.2080, 4.8275, 38.4056** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.7920, -4.8275, -38.4056**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5180, 4.6746, 40.7647**, and **73.5990, 5.1277, 35.4317** is the 20% darker color. If you saturate the color by 10%, you get **113.3170, 6.2527, 47.9570**, and if you desaturate by 10%, it is **135.0990, 3.4022, 28.8542**.

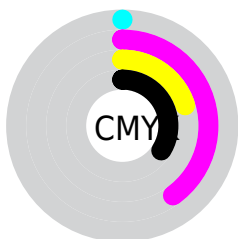
Distribution



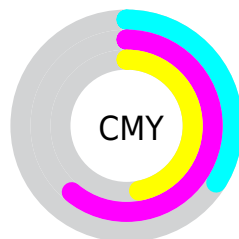
- Red (66%)
- Green (39%)
- Blue (53%)



- Red (66%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (34%)





- Cyan (34%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.2080, 4.8275, 38.4056 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 124.2080, 4.8275, 38.4056 by changing the saturation by 10% instead.

 124.2080, 4.8275,
38.4056

 124.2080, 4.8275,
38.4056


255.0000, 0.0000,
0.0000

 98.6100, 5.1223,
37.1760

 177.5180, 4.6746,
40.7647

 73.5990, 5.1277,
35.4317

 205.5290, 4.6692,
42.5091


 49.1150, 5.8593,
34.1021

 225.4560, 8.6492,
25.9101

 23.8700, 7.4591,
34.3170

 243.8470, 5.4984,
9.7812

 15.0230, 1.9607,
24.5358

 0.0000, 0.0000,
0.0000

124.2080, 4.8275,
38.4056

124.2080, 4.8275,
38.4056

113.3170, 6.2527,
47.9570

135.0990, 3.4022,
28.8542

102.3120, 7.2412,
57.6084

146.1040, 2.4137,
19.2028

92.0080, 8.3771,
66.6450

156.4080, 1.2779,
10.1662

81.0030, 9.3655,
76.2964

167.4130, 0.2894,
0.5148

70.1120, 10.7908,
85.8478

178.3040, -1.1359,
-9.0366

59.8080, 11.9267,
94.8844

189.1950, -2.5611,
-18.5880

200.2000, -3.5496,
-28.2394

210.5040, -4.6855,

-37.2760

 221.5090, -5.6739,
-46.9274

Harmonies

Analogous

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



124.8770, 16.8226, 17.6479



124.2080, 4.8275, 38.4056



122.5220, -8.1453, 46.0232

Triad

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



124.2080, 4.8275, 38.4056



117.6760, -25.4763, 4.6691



96.5390, 32.2723, -84.6647

Complementary

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



124.2080, 4.8275, 38.4056



143.7920, -4.8275, -38.4056

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.



95.4500, 20.4842, -83.7096



124.2080, 4.8275, 38.4056



113.4540, -15.5068, -19.6922

Square

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



124.2080, 4.8275, 38.4056



119.5800, -26.4149, 25.8013



106.8060, 0.5886, -48.9419



110.4600, 32.3112, -50.3924

Rectangle

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



124.2080, 4.8275, 38.4056



121.9210, -16.7231, 43.9193



106.8060, 0.5886, -48.9419



96.9150, 28.6359, -84.9945

Sweetspot

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



124.2080, 4.8275, 38.4056



202.2560, 1.8458, 14.6845



117.9180, 24.6904, 14.1039



99.6960, 1.1359, 9.0366



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



124.2080, 4.8275, 38.4056



150.1490, 7.8145, 60.3823



120.3320, -10.0237, 41.8048



78.8480, 0.5679, 4.5183



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Inverse Universe

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



124.2080, 4.8275, 38.4056



150.1490, 7.8145, 60.3823



147.6680, 10.0237, -41.8048



78.8480, 0.5679, 4.5183



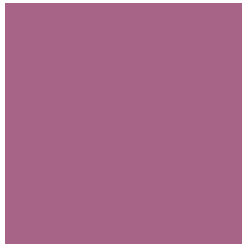
52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 124.2080, 4.8275, 38.4056 looks on a white background.

Color Contrast Check

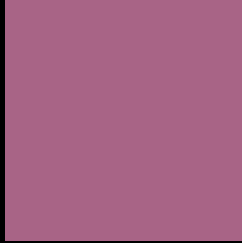
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2080, 4.8275, 38.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

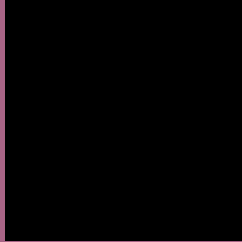
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.2080, 4.8275, 38.4056

Background



This preview shows how black text looks on a background with the YUV color 124.2080, 4.8275, 38.4056.



This preview shows how white text looks on a background with the YUV color 124.2080, 4.8275,

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

124.2080, 4.8275, 38.4056

Protanopia

121.8820, 12.3832, -5.1585

Deuteranopia

122.7710, 4.0569, 5.4628



Tritanopia

123.4500, -5.6448, 37.3164

Trichromacy



Original Color

124.2080, 4.8275, 38.4056

Protanomaly

122.8840, 9.4242, 10.6257

Deuteranomaly

122.9620, 4.4557, 17.5733

Tritanomaly

124.0740, -2.0085, 37.6461

Monochromacy



Original Color

124.2080, 4.8275, 38.4056

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2080, 4.8275, 38.4056 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(168, 100, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 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(168, 100, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 134) }
```

Border

The CSS property to change the border of an element to YUV 124.2080, 4.8275, 38.4056 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(168, 100, 134) }
```


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

```
.border{ border-color:rgb(168, 100, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 100, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 100, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 100, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 100,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 124.2080, 4.8275, 38.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 134) }
```

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

```
.background{ background-color: rgb(168,  
100, 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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