

Converting Colors

YUV(120.4530, 3.2277, 38.1907)

Have a look what the booklet for
YUV(120.4530, 3.2277, 38.1907)
contains.

| | |
|--|----|
| YUV(120.4530, 3.2277, 38.1907) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(120.4530, 3.2277,
38.1907)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A4617F |
| RGB | 164, 97, 127 |
| RGB Percent | 64%, 38%, 50% |
| CMY | 0.3569, 0.6196, 0.5020 |
| CMYK | 0.00, 0.41, 0.23, 0.36 |
| HSL | 333°, 27%, 51% |
| HSV | 333°, 41%, 64% |
| XYZ | 23.4153, 17.9742, 22.3139 |
| YIQ | 120.4530, 30.3020, 23.5340 |

Conversions

Conversions Part 2

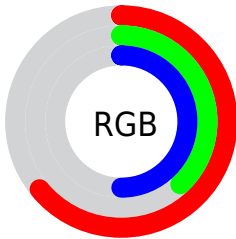
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 164, 97, 127 |
| Decimal | 10772863 |
| CIELab | 49.46, 31.27, -5.04 |
| CIELCh | 49, 31.670, 350.835 |
| Yxy | 17.9742, 0.3676, 0.2822 |
| Android (android.graphics.Color) | 4288962943 (0xFFA4617F) |
| YUV | 120.4530, 3.2277, 38.1907 |
| Hunter-Lab | 42.3960, 24.3925, -1.5284 |

Details

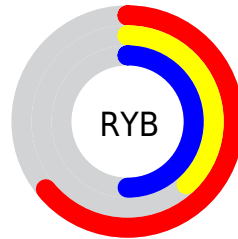
The YUV color **120.4530, 3.2277, 38.1907** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.5470, -3.2277, -38.1907**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7630, 3.0748, 40.5498**, and **69.9580, 3.9647, 35.1168** is the 20% darker color. If you saturate the color by 10%, you get **110.0350, 3.9267, 47.3273**, and if you desaturate by 10%, it is **130.8710, 2.5286, 29.0541**.

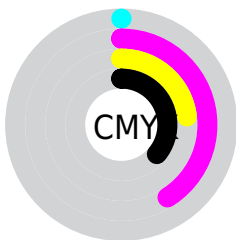
Distribution



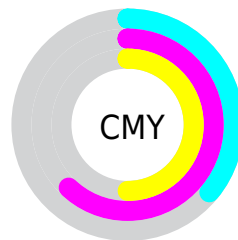
- Red (64%)
- Green (38%)
- Blue (50%)



- Red (64%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4530, 3.2277, 38.1907 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 120.4530, 3.2277, 38.1907 by changing the saturation by 10% instead.

 120.4530, 3.2277,
38.1907


 120.4530, 3.2277,
38.1907


255.0000, 0.0000,
0.0000


 94.8550, 3.5225,
36.9612


 173.7630, 3.0748,
40.5498


 69.9580, 3.9647,
35.1168


 201.3610, 2.7800,
41.7794

 45.7730, 4.5489,
34.4021

 222.7830, 6.0230,
28.2543

 21.8160, 6.0067,
33.4874

 241.4990, 6.6560,
11.8404

 13.2140, -1.0915,
23.4913

 0.0000, 0.0000,
0.0000

120.4530, 3.2277,
38.1907

120.4530, 3.2277,
38.1907

110.0350, 3.9267,
47.3273

130.8710, 2.5286,
29.0541

99.0300, 4.9152,
56.9787

141.8760, 1.5401,
19.4027

88.6120, 5.6143,
66.1153

152.2940, 0.8411,
10.2662

77.6070, 6.6027,
75.7667

163.2990, -0.1474,
0.6148

67.1890, 7.3018,
84.9032

173.7170, -0.8465,
-8.5218


57.3580, 7.7115,
93.5250

184.1350, -1.5456,
-17.6584

195.1400, -2.5340,
-27.3098

205.5580, -3.2331,

-36.4464

 216.6770, -3.7848,
-46.1977

Harmonies

Analogous

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



121.1330, 15.2174, 19.1774



120.4530, 3.2277, 38.1907



118.8700, -9.3029, 43.9640

Triad

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



120.4530, 3.2277, 38.1907



113.8220, -23.5762, 1.9101



93.8490, 32.1194, -82.3056

Complementary

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



120.4530, 3.2277, 38.1907



140.5470, -3.2277, -38.1907

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.



92.9880, 21.2049, -81.5505



120.4530, 3.2277, 38.1907



110.0130, -13.3174, -21.9364

Square

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



120.4530, 3.2277, 38.1907



116.0850, -25.6779, 22.7275



102.9630, 2.4832, -49.9566



109.5210, 29.8161, -43.4299

Rectangle

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



120.4530, 3.2277, 38.1907



118.1980, -16.8596, 41.0454



102.9630, 2.4832, -49.9566



93.6380, 28.7725, -82.1205

Sweetspot

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



120.4530, 3.2277, 38.1907



197.1420, 1.4090, 14.7845



115.7010, 23.8114, 16.0482



97.2830, 0.8465, 8.5218



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



120.4530, 3.2277, 38.1907



145.7530, 5.0518, 59.8526



118.7940, -10.7444, 39.6457



76.1470, 0.4205, 5.1331



50.7650, 7.0179, 82.6441



6.2940, 0.8411, 10.2662

Inverse Universe

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



120.4530, 3.2277, 38.1907



145.7530, 5.0518, 59.8526



142.2060, 10.7444, -39.6457



76.1470, 0.4205, 5.1331



50.7650, 7.0179, 82.6441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 120.4530, 3.2277, 38.1907 looks on a white background.

Color Contrast Check

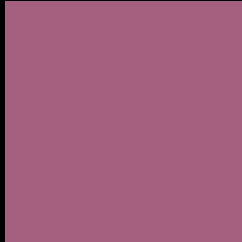
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4530, 3.2277, 38.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

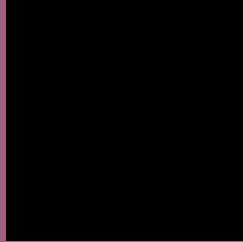
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4530, 3.2277, 38.1907

Background



This preview shows how black text looks on a background with the YUV color 120.4530, 3.2277, 38.1907.



This preview shows how white text looks on a background with the YUV color 120.4530, 3.2277,

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

120.4530, 3.2277, 38.1907

Protanopia

118.4260, 10.6360, -4.7586

Deuteranopia

119.6140, 2.1623, 6.4775



Tritanopia

119.4500, -5.6448, 37.3164

Trichromacy



Original Color

120.4530, 3.2277, 38.1907

Protanomaly

119.4280, 7.6770, 11.0256

Deuteranomaly

119.5060, 2.7085, 17.9732

Tritanomaly

119.9600, -2.4453, 37.7461

Monochromacy



Original Color

120.4530, 3.2277, 38.1907

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.4300, 1.2670, 13.6549

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4530, 3.2277, 38.1907 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(164, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 97, 127)  
}
```

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(164, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 97, 127) }
```

Border

The CSS property to change the border of an element to YUV 120.4530, 3.2277, 38.1907 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(164, 97, 127) }
```


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

```
.border{ border-color:rgb(164, 97, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 97, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 97,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 120.4530, 3.2277, 38.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 97, 127) }
```

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

```
.background{ background-color: rgb(164, 97,  
127) }
```

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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