

Converting Colors

YUV(138.7120, 23.8060,
17.7926)

Have a look what the booklet for
YUV(138.7120, 23.8060, 17.7926)
contains.

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Color

**YUV(138.7120, 23.8060,
17.7926)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9F77BB |
| RGB | 159, 119, 187 |
| RGB Percent | 62%, 47%, 73% |
| CMY | 0.3765, 0.5333, 0.2667 |
| CMYK | 0.15, 0.36, 0.00, 0.27 |
| HSL | 275°, 33%, 60% |
| HSV | 275°, 36%, 73% |
| XYZ | 29.8645, 24.1524, 50.1016 |
| YIQ | 138.7120, 2.0120, 29.6280 |

Conversions

Conversions Part 2

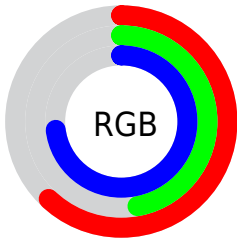
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 159, 119, 187 |
| Decimal | 10450875 |
| CIE Lab | 56.24, 28.54, -29.85 |
| CIE LCh | 56, 41.300, 313.712 |
| Yxy | 24.1524, 0.2868, 0.2320 |
| Android (android.graphics.Color) | 4288640955 (0xFF9F77BB) |
| YUV | 138.7120, 23.8060, 17.7926 |
| Hunter-Lab | 49.1451, 22.4670, -26.0423 |

Details

The YUV color **138.7120, 23.8060, 17.7926** is a light color, and the websafe version is hex **996699**. A complement of this color would be **167.2880, -23.8060, -17.7926**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9510, 24.6742, 19.3370**, and **87.9460, 22.2116, 15.8334** is the 20% darker color. If you saturate the color by 10%, you get **125.1670, 30.4837, 22.6555**, and if you desaturate by 10%, it is **152.2570, 17.1283, 12.9296**.

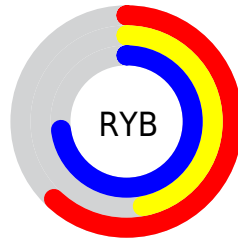
Distribution



Red (62%)

Green (47%)

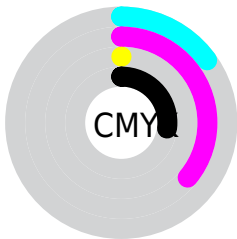
Blue (73%)



Red (62%)

Yellow (47%)

Blue (73%)

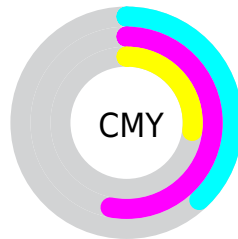


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7120, 23.8060, 17.7926 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 138.7120, 23.8060, 17.7926 by changing the saturation by 10% instead.

■ 138.7120, 23.8060,
17.7926

■ 138.7120, 23.8060,
17.7926

255.0000, 0.0000,
0.0000

■ 112.8860, 23.2272,
16.7630

■ 192.9510, 24.6742,
19.3370

■ 87.9460, 22.2116,
15.8334

■ 218.5400, 17.9748,
21.4514

■ 63.5330, 21.9222,
15.3186

■ 238.5640, 8.1029,
14.4144

■ 40.5930, 20.9067,
14.3889

■ 17.8810, 20.7647,
13.2594

■ 5.2290, 16.1561,
-1.9548

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 138.7120, 23.8060,
17.7926

■ 138.7120, 23.8060,
17.7926

■ 125.1670, 30.4837,
22.6555

■ 152.2570, 17.1283,
12.9296

■ 112.5080, 36.7246,
27.6185

■ 164.9160, 10.8874,
7.9667

■ 98.9630, 43.4022,
32.4814

■ 178.4610, 4.2097,
3.1037

■ 85.4180, 50.0799,
37.3444

■ 192.0060, -2.4680,
-1.7593

■ 71.8730, 56.7576,
42.2074

■ 205.5510, -9.1456,
-6.6222

■ 59.2140, 62.9985,
47.1703

■ 218.2100,
-15.3865, -11.5852

■ 54.2080, 65.4665,
48.9296

■ 231.7550,
-22.0642, -16.4481

■ 237.0820,
-24.6904, -14.1039

■ 239.1750,
-25.7223, -9.8005

Harmonies

Analogous

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



132.8360, 35.5769, -24.4122



138.7120, 23.8060, 17.7926



138.2890, 8.7315, 46.2275

Triad

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



138.7120, 23.8060, 17.7926



133.0990, -33.5728, 34.9932



107.0250, 21.6797, -93.8609

Complementary

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



138.7120, 23.8060, 17.7926



167.2880, -23.8060, -17.7926

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.



115.2620, -1.1152, -62.4968



138.7120, 23.8060, 17.7926



129.9340, -33.4915, 8.8279

Square

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



138.7120, 23.8060, 17.7926



134.5540, -23.4441, 53.0111



125.4230, -21.9005, -22.2960



109.4990, 36.2360, -96.0306

Rectangle

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



138.7120, 23.8060, 17.7926



136.7820, -2.3575, 56.3192



125.4230, -21.9005, -22.2960



105.5430, 16.0013, -92.5612

Sweetspot

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



138.7120, 23.8060, 17.7926



223.4490, 9.1456, 6.6222



143.1880, 21.5993, -21.2129



110.8140, 5.5147, 4.5481



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



138.7120, 23.8060, 17.7926



166.6220, 37.1614, 27.5185



146.4000, 17.0578, 35.6062



87.5210, 3.1941, 2.1741



45.8190, 55.3052, 41.3777



8.9160, 10.8874, 7.9667

Inverse Universe

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



142.5240, 2.2067, 39.0055



172.7100, 3.5940, 60.7673



159.6000, -17.0578, -35.6062



88.1470, 0.4205, 5.1331



54.6520, 5.1016, 90.6362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 138.7120, 23.8060, 17.7926 looks on a white background.

Color Contrast Check

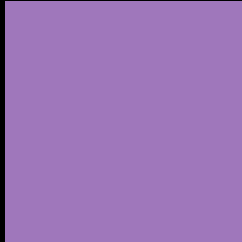
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7120, 23.8060, 17.7926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

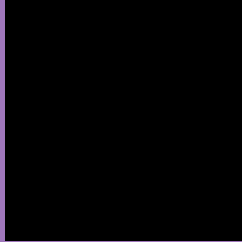
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.7120, 23.8060, 17.7926

Background



This preview shows how black text looks on a background with the YUV color 138.7120, 23.8060, 17.7926.



This preview shows how white text looks on a background with the YUV color 138.7120, 23.8060,

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

138.7120, 23.8060, 17.7926

Protanopia

134.4300, 31.3400, -18.7941

Deuteranopia

134.9270, 24.1930, -13.0910



Tritanopia

136.7180, 1.1250, 12.5253

Trichromacy



Original Color

138.7120, 23.8060, 17.7926

Protanomaly

136.1220, 28.5339, -5.3690

Deuteranomaly

136.2920, 24.0130, -2.0101

Tritanomaly

137.2050, 9.2659, 14.7292

Monochromacy



Original Color

138.7120, 23.8060, 17.7926

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7120, 23.8060, 17.7926 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(159, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 187)  
}
```

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(159, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 187) }
```

Border

The CSS property to change the border of an element to YUV 138.7120, 23.8060, 17.7926 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(159, 119, 187) }
```


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

```
.border{ border-color:rgb(159, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 138.7120, 23.8060, 17.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 187) }
```

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

```
.background{ background-color: rgb(159,  
119, 187) }
```

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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