

Converting Colors

YUV(118.2080, 1.3765, 25.2506)

Have a look what the booklet for
YUV(118.2080, 1.3765, 25.2506)
contains.

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Color

**YUV(118.2080, 1.3765,
25.2506)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 936779 |
| RGB | 147, 103, 121 |
| RGB Percent | 58%, 40%, 47% |
| CMY | 0.4235, 0.5961, 0.5255 |
| CMYK | 0.00, 0.30, 0.18, 0.42 |
| HSL | 335°, 18%, 49% |
| HSV | 335°, 30%, 58% |
| XYZ | 20.3341, 17.2840, 20.3536 |
| YIQ | 118.2080, 20.4460, 14.9260 |

Conversions

Conversions Part 2

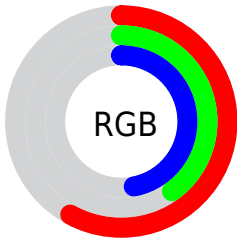
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 147, 103, 121 |
| Decimal | 9660281 |
| CIE Lab | 48.62, 20.52, -2.95 |
| CIE LCh | 49, 20.736, 351.825 |
| Yxy | 17.2840, 0.3508, 0.2981 |
| Android (android.graphics.Color) | 4287850361 (0xFF936779) |
| YUV | 118.2080, 1.3765, 25.2506 |
| Hunter-Lab | 41.5740, 14.5506, 0.0750 |

Details

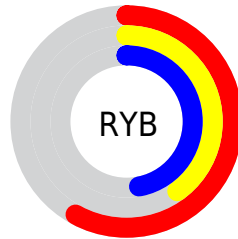
The YUV color **118.2080, 1.3765, 25.2506** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.7920, -1.3765, -25.2506**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5180, 1.2236, 27.6097**, and **69.0120, 1.9661, 22.7915** is the 20% darker color. If you saturate the color by 10%, you get **108.3770, 1.7861, 33.8724**, and if you desaturate by 10%, it is **128.0390, 0.9668, 16.6288**.

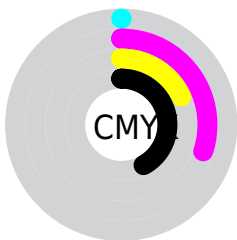
Distribution



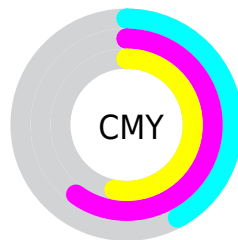
- Red (58%)
- Green (40%)
- Blue (47%)



- Red (58%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.2080, 1.3765, 25.2506 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 118.2080, 1.3765, 25.2506 by changing the saturation by 10% instead.


 118.2080, 1.3765,
25.2506


 118.2080, 1.3765,
25.2506


255.0000, 0.0000,
0.0000

 93.4960, 1.2345,
24.1210


 170.5180, 1.2236,
27.6097


 69.0120, 1.9661,
22.7915


 197.9310, 1.5130,
28.1245

 46.3000, 1.8241,
21.6619

 225.0340, 1.9552,
26.2802

 24.1150, 2.4083,
20.9471

 245.0210, 4.9196,
8.7516

 8.6000, -3.2538,
17.0138

 0.0000, 0.0000,
0.0000

■ 118.2080, 1.3765,
25.2506

■ 118.2080, 1.3765,
25.2506

■ 108.3770, 1.7861,
33.8724

■ 128.0390, 0.9668,
16.6288

■ 99.2470, 2.3432,
41.8794

■ 137.1690, 0.4097,
8.6218

■ 89.4160, 2.7529,
50.5012

■ 147.0000, 0.0000,
0.0000

■ 79.5850, 3.1626,
59.1230

■ 156.8310, -0.4097,
-8.6218

■ 70.4550, 3.7197,
67.1300

■ 166.5480, -1.2562,
-17.1436

■ 60.6240, 4.1294,
75.7518

■ 175.7920, -1.3765,
-25.2506

■ 50.7930, 4.5391,
84.3735

■ 185.6230, -1.7861,
-33.8724

■ 195.3400, -2.6326,

-42.3942

■ 204.5840, -2.7529,
-50.5012

Harmonies

Analogous

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



118.1940, 9.2714, 12.9849



118.2080, 1.3765, 25.2506



117.3520, -7.0755, 29.5093

Triad

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



118.2080, 1.3765, 25.2506



113.1130, -14.8457, 1.6549



108.1230, 16.7014, -36.9419

Complementary

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



118.2080, 1.3765, 25.2506



131.7920, -1.3765, -25.2506

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.



106.8040, 10.4496, -38.4161



118.2080, 1.3765, 25.2506



111.2080, -8.9765, -14.2144

Square

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



118.2080, 1.3765, 25.2506



115.3320, -16.9257, 15.4948



108.3400, 0.8184, -29.2392



112.6670, 18.4052, -23.3870

Rectangle

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



118.2080, 1.3765, 25.2506



116.4890, -11.5801, 27.6351



108.3400, 0.8184, -29.2392



107.3570, 15.1070, -38.9011

Sweetspot

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



118.2080, 1.3765, 25.2506



179.8810, 0.5517, 9.7514



115.7900, 15.3865, 11.5852



89.8590, 0.5625, 6.2627



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.



118.2080, 1.3765, 25.2506



145.9370, 2.4961, 39.5203



118.5040, -7.6435, 24.9910



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Inverse Universe

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



118.2080, 1.3765, 25.2506



145.9370, 2.4961, 39.5203



131.4960, 7.6435, -24.9910



69.4350, 0.2785, 4.0035



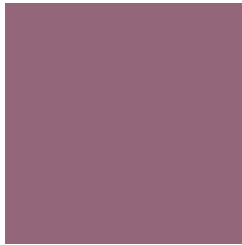
47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 118.2080, 1.3765, 25.2506 looks on a white background.

Color Contrast Check

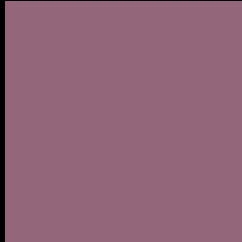
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2080, 1.3765, 25.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

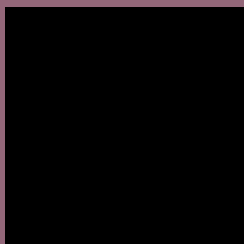
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.2080, 1.3765, 25.2506

Background



This preview shows how black text looks on a background with the YUV color 118.2080, 1.3765, 25.2506.



This preview shows how white text looks on a background with the YUV color 118.2080, 1.3765,

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

118.2080, 1.3765, 25.2506

Protanopia

116.1830, 5.8258, -1.9145

Deuteranopia

116.6850, 1.1413, 7.2923



Tritanopia

117.4700, -2.6967, 25.0208

Trichromacy



Original Color

118.2080, 1.3765, 25.2506

Protanomaly

117.0810, 3.9041, 7.8220

Deuteranomaly

117.4300, 1.2670, 13.6549

Tritanomaly

117.8120, -1.3863, 24.7209

Monochromacy



Original Color

118.2080, 1.3765, 25.2506

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.4680, 0.2623, 9.2366

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2080, 1.3765, 25.2506 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(147, 103, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 121)  
}
```

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(147, 103, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 121) }
```

Border

The CSS property to change the border of an element to YUV 118.2080, 1.3765, 25.2506 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(147, 103, 121) }
```


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

```
.border{ border-color:rgb(147, 103, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 103, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 121);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 118.2080, 1.3765, 25.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 121) }
```

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

```
.background{ background-color: rgb(147,  
103, 121) }
```

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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