

Converting Colors

YUV(118.1600, 0.9071, 35.8167)

Have a look what the booklet for
YUV(118.1600, 0.9071, 35.8167)
contains.

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Color

**YUV(118.1600, 0.9071,
35.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6178
RGB	159, 97, 120
RGB Percent	62%, 38%, 47%
CMY	0.3765, 0.6196, 0.5294
CMYK	0.00, 0.39, 0.25, 0.38
HSL	338°, 24%, 50%
HSV	338°, 39%, 62%
XYZ	21.9629, 17.2764, 19.9464
YIQ	118.1600, 29.5690, 20.2970

Conversions

Conversions Part 2

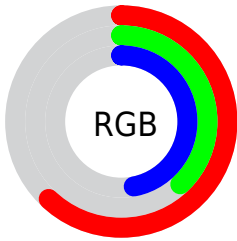
Format	Color
R_{YB}	159, 97, 120
Decimal	10445176
CIE _{Lab}	48.61, 28.35, -2.20
CIE _{LCh}	49, 28.432, 355.567
Yxy	17.2764, 0.3711, 0.2919
Android (android.graphics.Color)	4288635256 (0xFF9F6178)
YUV	118.1600, 0.9071, 35.8167
Hunter-Lab	41.5649, 21.5811, 0.6430

Details

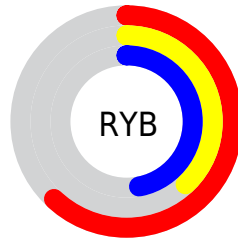
The YUV color **118.1600, 0.9071, 35.8167** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.8400, -0.9071, -35.8167**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3560, 0.3175, 38.2758**, and **68.6650, 1.6442, 32.7428** is the 20% darker color. If you saturate the color by 10%, you get **107.6280, 1.1694, 45.0532**, and if you desaturate by 10%, it is **128.6920, 0.6448, 26.5801**.

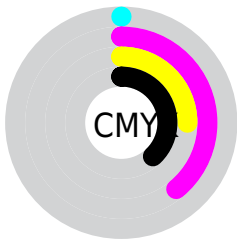
Distribution



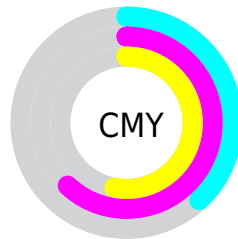
- Red (62%)
- Green (38%)
- Blue (47%)



- Red (62%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1600, 0.9071, 35.8167 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 118.1600, 0.9071, 35.8167 by changing the saturation by 10% instead.

■ 118.1600, 0.9071,
35.8167

■ 118.1600, 0.9071,
35.8167

■ 255.0000, 0.0000,
0.0000

■ 92.5620, 1.2019,
34.5871

■ 171.3560, 0.3175,
38.2758

■ 68.6650, 1.6442,
32.7428

■ 199.0680, 0.4595,
39.4054

■ 44.1810, 2.3758,
31.4133

■ 221.3980, 3.2548,
29.4690

■ 21.1100, 3.3968,
30.5985

■ 241.4990, 6.6560,
11.8404

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 118.1600, 0.9071,
35.8167

■ 118.1600, 0.9071,
35.8167

■ 107.6280, 1.1694,
45.0532

■ 128.6920, 0.6448,
26.5801

■ 97.0960, 1.4317,
54.2898

■ 139.2240, 0.3826,
17.3436

■ 86.5640, 1.6939,
63.5264

■ 149.7560, 0.1203,
8.1070

■ 76.0320, 1.9562,
72.7629

■ 160.2880, -0.1420,
-1.1296

■ 65.5000, 2.2185,
81.9995

■ 170.8200, -0.4043,
-10.3661

■ 55.5550, 2.1914,
90.7213


■ 180.7650, -0.3771,
-19.0879

■ 54.2670, 2.3334,
91.8508

■ 191.2970, -0.6394,
-28.3245

■ 201.8290, -0.9017,

-37.5610

 212.3610, -1.1640,
-46.7976

Harmonies

Analogous

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



118.6340, 12.0124, 20.4920



118.1600, 0.9071, 35.8167



116.9080, -10.3076, 39.5457

Triad

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



118.1600, 0.9071, 35.8167



111.4240, -19.9290, -1.2488



99.9010, 26.6708, -61.3032

Complementary

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



118.1600, 0.9071, 35.8167



137.8400, -0.9071, -35.8167

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.



94.7120, 19.8620, -70.7844



118.1600, 0.9071, 35.8167



107.8110, -10.2598, -22.6362

Square

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



118.1600, 0.9071, 35.8167



114.3340, -23.3357, 18.1241



102.7400, 4.0722, -46.2530



110.5610, 25.8524, -32.0640

Rectangle

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



118.1600, 0.9071, 35.8167



116.1650, -16.8433, 35.8123



102.7400, 4.0722, -46.2530



96.0310, 26.1137, -69.3102

Sweetspot

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



118.1600, 0.9071, 35.8167



190.5010, 0.2460, 14.4696



115.4300, 21.4800, 17.1629



95.0550, -0.0271, 8.7218



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



118.1600, 0.9071, 35.8167



142.4060, 1.2788, 56.6489



119.6470, -11.1650, 34.5126



73.7340, 0.1311, 4.6183



48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Inverse Universe

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



118.1600, 0.9071, 35.8167



142.4060, 1.2788, 56.6489



136.3530, 11.1650, -34.5126



73.7340, 0.1311, 4.6183



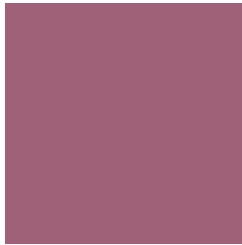
48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 118.1600, 0.9071, 35.8167 looks on a white background.

Color Contrast Check

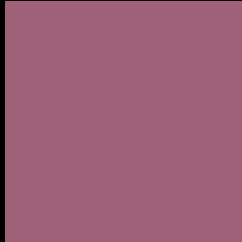
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1600, 0.9071, 35.8167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

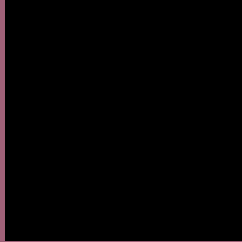
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.1600, 0.9071, 35.8167

Background



This preview shows how black text looks on a background with the YUV color 118.1600, 0.9071, 35.8167.



This preview shows how white text looks on a background with the YUV color 118.1600, 0.9071,

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

118.1600, 0.9071, 35.8167

Protanopia

116.2260, 7.2836, -2.8292

Deuteranopia

116.7560, 0.1203, 8.1070



Tritanopia

117.5530, -5.2026, 35.4720

Trichromacy



Original Color

118.1600, 0.9071, 35.8167

Protanomaly

116.7440, 5.0562, 11.6255

Deuteranomaly

117.5230, 0.2352, 17.9583

Tritanomaly

117.5360, -2.7292, 35.4869

Monochromacy



Original Color

118.1600, 0.9071, 35.8167

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1600, 0.9071, 35.8167 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, 97, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 97, 120)  
}
```

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, 97, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 97, 120) }
```

Border

The CSS property to change the border of an element to YUV 118.1600, 0.9071, 35.8167 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, 97, 120) }
```


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

```
.border{ border-color:rgb(159, 97, 120) }
```

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

Here you see how a box with a 4 pixel rgb(159, 97, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 97, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 97, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 97,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 118.1600, 0.9071, 35.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 97, 120) }
```

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

```
.background{ background-color: rgb(159, 97,  
120) }
```

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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