

Converting Colors

YUV(118.2310, -0.1139,
36.6314)

Have a look what the booklet for
YUV(118.2310, -0.1139, 36.6314)
contains.

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Color

**YUV(118.2310, -0.1139,
36.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	A06176
RGB	160, 97, 118
RGB Percent	63%, 38%, 46%
CMY	0.3725, 0.6196, 0.5373
CMYK	0.00, 0.39, 0.26, 0.37
HSL	340°, 25%, 50%
HSV	340°, 39%, 63%
XYZ	22.0419, 17.3310, 19.3230
YIQ	118.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

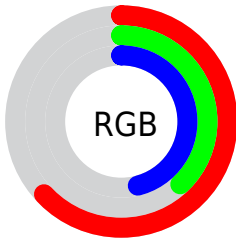
Format	Color
R_{YB}	160, 97, 118
Decimal	10510710
CIE Lab	48.67, 28.42, -0.88
CIE LCh	49, 28.435, 358.218
Yxy	17.3310, 0.3755, 0.2953
Android (android.graphics.Color)	4288700790 (0xFFA06176)
YUV	118.2310, -0.1139, 36.6314
Hunter-Lab	41.6305, 21.6563, 1.6216

Details

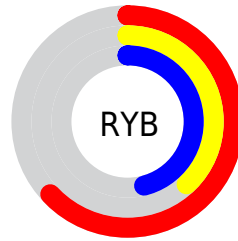
The YUV color **118.2310, -0.1139, 36.6314** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.7690, 0.1139, -36.6314**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4270, -0.7035, 39.0905**, and **68.7360, 0.6232, 33.5575** is the 20% darker color. If you saturate the color by 10%, you get **107.5850, -0.2884, 45.9680**, and if you desaturate by 10%, it is **128.8770, 0.0606, 27.2949**.

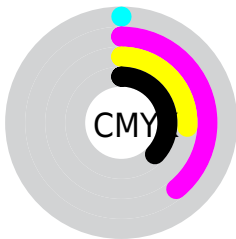
Distribution



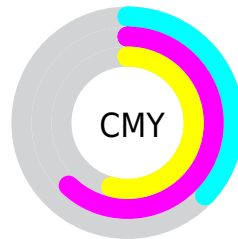
- Red (63%)
- Green (38%)
- Blue (46%)



- Red (63%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.2310, -0.1139, 36.6314 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 118.2310, -0.1139, 36.6314 by changing the saturation by 10% instead.

 118.2310, -0.1139,
36.6314

 118.2310, -0.1139,
36.6314


255.0000, 0.0000,
0.0000

 92.6330, 0.1809,
35.4019


 171.4270, -0.7035,
39.0905


 68.7360, 0.6232,
33.5575


 199.0250, -0.9983,
40.3201

 44.3660, 1.7916,
32.1280

 221.0560, 1.9444,
29.7689

 20.9960, 2.9600,
30.6985

 241.3850, 6.2192,
11.9404

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,
0.0000

■ 118.2310, -0.1139,
36.6314

■ 118.2310, -0.1139,
36.6314

■ 107.5850, -0.2884,
45.9680

■ 128.8770, 0.0606,
27.2949

■ 97.0530, -0.0261,
55.2045

■ 139.4090, -0.2016,
18.0583

■ 86.4070, -0.2007,
64.5411

■ 150.0550, -0.0271,
8.7218

■ 75.7610, -0.3752,
73.8776

■ 160.7010, 0.1474,
-0.6148

■ 65.2290, -0.1129,
83.1142

■ 171.2330, -0.1149,
-9.8513

■ 54.5830, -0.2874,
92.4507


■ 181.8790, 0.0597,
-19.1879

■ 53.8820, -0.4348,
93.0655

■ 192.5250, 0.2342,
-28.5244

■ 203.0570, -0.0281,

-37.7610

 213.7030, 0.1464,
-47.0975

Harmonies

Analogous

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



119.3030, 10.6966, 22.5363



118.2310, -0.1139, 36.6314



117.2670, -11.4706, 39.2308

Triad

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



118.2310, -0.1139, 36.6314



111.5270, -19.4868, -3.0932



101.6240, 26.8074, -58.4292

Complementary

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



118.2310, -0.1139, 36.6314



138.7690, 0.1139, -36.6314

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.



94.4560, 21.4672, -72.3139



118.2310, -0.1139, 36.6314



107.7290, -9.2334, -25.1953

Square

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



118.2310, -0.1139, 36.6314



114.3230, -23.3302, 16.3797



102.0710, 5.3880, -48.2973



111.1700, 25.5522, -29.0901

Rectangle

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



118.2310, -0.1139, 36.6314



116.3390, -17.4221, 34.7827



102.0710, 5.3880, -48.2973



97.1560, 26.5451, -67.6658

Sweetspot

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



118.2310, -0.1139, 36.6314



192.3870, -0.1908, 14.5696



116.7400, 21.3272, 19.5220



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.



118.2310, -0.1139, 36.6314



144.0640, -0.0316, 56.9489



122.2940, -12.4699, 33.0682



73.7340, 0.1311, 4.6183



48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Inverse Universe

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



118.2310, -0.1139, 36.6314



144.0640, -0.0316, 56.9489



134.7060, 12.4699, -33.0682



73.7340, 0.1311, 4.6183



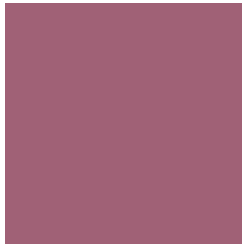
48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 118.2310, -0.1139, 36.6314 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 118.2310, -0.1139, 36.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

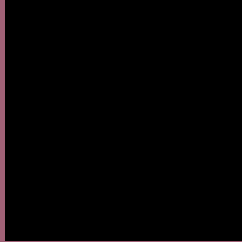
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.2310, -0.1139, 36.6314

Background



This preview shows how black text looks on a background with the YUV color 118.2310, -0.1139, 36.6314.



This preview shows how white text looks on a background with the YUV color 118.2310, -0.1139,

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

118.2310, -0.1139, 36.6314

Protanopia

116.2970, 6.2626, -2.0145

Deuteranopia

116.8270, -0.9007, 8.9217



Tritanopia

117.7380, -5.7868, 36.1868

Trichromacy



Original Color

118.2310, -0.1139, 36.6314

Protanomaly

116.8150, 4.0352, 12.4402

Deuteranomaly

117.5940, -0.7858, 18.7731

Tritanomaly

117.6070, -3.7503, 36.3017

Monochromacy



Original Color

118.2310, -0.1139, 36.6314

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7890, 0.1040, 13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2310, -0.1139, 36.6314 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(160, 97, 118)` looks like.

```
.text, #text, p{  
    color:rgb(160, 97, 118)  
}
```

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(160, 97, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 97, 118) }
```

Border

The CSS property to change the border of an element to YUV 118.2310, -0.1139, 36.6314 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(160, 97, 118) }
```


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

```
.border{ border-color:rgb(160, 97, 118) }
```

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

Here you see how a box with a 4 pixel rgb(160, 97, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 97, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 97, 118);  
box-shadow:4px 4px 4px 4px rgb(160, 97,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 118.2310, -0.1139, 36.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 97, 118) }
```

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

```
.background{ background-color: rgb(160, 97,  
118) }
```

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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