

Converting Colors

YUV(111.1650, 3.3697, 39.3203)

Have a look what the booklet for
YUV(111.1650, 3.3697, 39.3203)
contains.

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Color

**YUV(111.1650, 3.3697,
39.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5776
RGB	156, 87, 118
RGB Percent	61%, 34%, 46%
CMY	0.3882, 0.6588, 0.5373
CMYK	0.00, 0.44, 0.24, 0.39
HSL	333°, 28%, 48%
HSV	333°, 44%, 61%
XYZ	20.3885, 15.1923, 18.9974
YIQ	111.1650, 31.1730, 24.2690

Conversions

Conversions Part 2

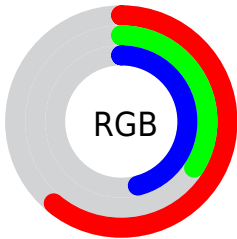
Format	Color
R_{YB}	156, 87, 118
Decimal	10246006
CIE _{Lab}	45.90, 32.51, -5.04
CIE _{LCh}	46, 32.901, 351.191
Yxy	15.1923, 0.3736, 0.2784
Android (android.graphics.Color)	4288436086 (0xFF9C5776)
YUV	111.1650, 3.3697, 39.3203
Hunter-Lab	38.9773, 25.1606, -1.6135

Details

The YUV color **111.1650, 3.3697, 39.3203** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.8350, -3.3697, -39.3203**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7740, 3.0694, 42.2942**, and **61.0830, 4.3961, 36.7612** is the 20% darker color. If you saturate the color by 10%, you get **100.7470, 4.0687, 48.4569**, and if you desaturate by 10%, it is **121.5830, 2.6706, 30.1837**.

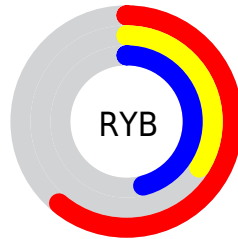
Distribution



Red (61%)

Green (34%)

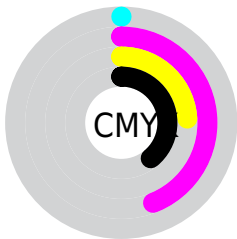
Blue (46%)



Red (61%)

Yellow (34%)

Blue (46%)

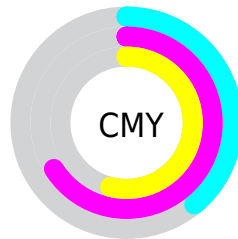


Cyan (0%)

Magenta (44%)

Yellow (24%)

Black (39%)



Cyan (39%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1650, 3.3697, 39.3203 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 111.1650, 3.3697, 39.3203 by changing the saturation by 10% instead.

■ 111.1650, 3.3697,
39.3203

■ 111.1650, 3.3697,
39.3203

■ 255.0000, 0.0000,
0.0000

■ 85.5670, 3.6645,
38.0907

■ 163.7740, 3.0694,
42.2942

■ 61.0830, 4.3961,
36.7612

■ 191.3720, 2.7746,
43.5238

■ 36.0120, 5.4171,
35.9465

■ 215.1860, 4.8383,
34.9169

■ 18.9250, 3.9810,
29.8838

■ 234.9280, 9.4025,
17.6031

■ 8.4860, -3.6906,
17.1138

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 111.1650, 3.3697,
39.3203

■ 111.1650, 3.3697,
39.3203

■ 100.7470, 4.0687,
48.4569

■ 121.5830, 2.6706,
30.1837

■ 91.0300, 4.9152,
56.9787

■ 131.3000, 1.8241,
21.6619

■ 80.6120, 5.6143,
66.1153

■ 141.7180, 1.1250,
12.5253

■ 70.8950, 6.4608,
74.6371

■ 151.4350, 0.2785,
4.0035

■ 60.4770, 7.1598,
83.7737

■ 161.8530, -0.4205,
-5.1331

■ 54.6240, 7.5804,
88.9068

■ 172.2710, -1.1196,
-14.2697

■ 181.9880, -1.9661,
-22.7915

■ 192.4060, -2.6652,

-31.9281

■ 202.1230, -3.5116,
-40.4499

Harmonies

Analogous

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



111.8450, 15.3594, 20.3069



111.1650, 3.3697, 39.3203



109.4680, -9.5977, 45.1936

Triad

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



111.1650, 3.3697, 39.3203



104.4090, -23.8656, 1.3953



87.6540, 31.2296, -76.8726

Complementary

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



111.1650, 3.3697, 39.3203



131.8350, -3.3697, -39.3203

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.



86.7930, 20.3151, -76.1175



111.1650, 3.3697, 39.3203



100.3010, -13.4594, -23.0660

Square

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



111.1650, 3.3697, 39.3203



106.9710, -26.1147, 22.8274



91.5710, 3.6625, -54.8748



98.6560, 31.7216, -47.9333

Rectangle

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



111.1650, 3.3697, 39.3203



109.3830, -17.4438, 41.7601



91.5710, 3.6625, -54.8748



87.4430, 27.8826, -76.6875

Sweetspot

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



111.1650, 3.3697, 39.3203



186.4410, 1.2616, 15.3992



106.2280, 24.5376, 16.4630



91.5820, 0.6991, 9.1366



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



111.1650, 3.3697, 39.3203



133.7640, 5.0463, 61.5970



109.3920, -11.0393, 40.8752



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Inverse Universe

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



111.1650, 3.3697, 39.3203



133.7640, 5.0463, 61.5970



133.6080, 11.0393, -40.8752



73.8480, 0.5679, 4.5183



50.0530, 6.8759, 81.5145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 111.1650, 3.3697, 39.3203 looks on a white background.

Color Contrast Check

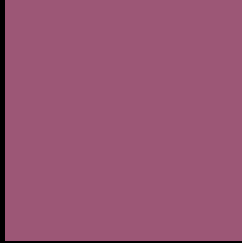
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.1650, 3.3697, 39.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

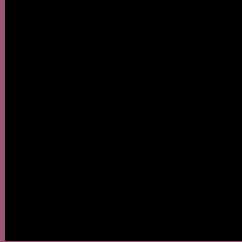
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.1650, 3.3697, 39.3203

Background



This preview shows how black text looks on a background with the YUV color 111.1650, 3.3697, 39.3203.



This preview shows how white text looks on a background with the YUV color 111.1650, 3.3697,

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

111.1650, 3.3697, 39.3203

Protanopia

109.5400, 11.0728, -4.8586

Deuteranopia

110.3150, 2.3097, 5.8627



Tritanopia

110.6350, -6.2291, 38.0311

Trichromacy



Original Color

111.1650, 3.3697, 39.3203

Protanomaly

109.9550, 8.4032, 11.4405

Deuteranomaly

110.5060, 2.7085, 17.9732

Tritanomaly

111.1450, -3.0295, 38.4608

Monochromacy



Original Color

111.1650, 3.3697, 39.3203

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1650, 3.3697, 39.3203 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(156, 87, 118)` looks like.

```
.text, #text, p{  
    color:rgb(156, 87, 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(156, 87, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 87, 118) }
```

Border

The CSS property to change the border of an element to YUV 111.1650, 3.3697, 39.3203 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(156, 87, 118) }
```


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

```
.border{ border-color:rgb(156, 87, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 87, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 87, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 87, 118);  
box-shadow:4px 4px 4px 4px rgb(156, 87,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 111.1650, 3.3697, 39.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 87, 118) }
```

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

```
.background{ background-color: rgb(156, 87,  
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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