

Converting Colors

YUV(123.8150, 10.9372,
38.7502)

Have a look what the booklet for
YUV(123.8150, 10.9372, 38.7502)
contains.

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Color

**YUV(123.8150, 10.9372,
38.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	A86192
RGB	168, 97, 146
RGB Percent	66%, 38%, 57%
CMY	0.3412, 0.6196, 0.4275
CMYK	0.00, 0.42, 0.13, 0.34
HSL	319°, 29%, 52%
HSV	319°, 42%, 66%
XYZ	25.6115, 18.9495, 29.5019
YIQ	123.8150, 26.5870, 30.2910

Conversions

Conversions Part 2

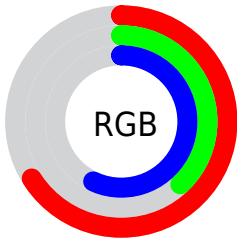
Format	Color
R_{YB}	168, 97, 146
Decimal	11035026
CIE _{Lab}	50.63, 35.76, -14.54
CIE _{LCh}	51, 38.603, 337.871
Yxy	18.9495, 0.3458, 0.2559
Android (android.graphics.Color)	4289225106 (0xFFA86192)
YUV	123.8150, 10.9372, 38.7502
Hunter-Lab	43.5311, 28.8409, -9.7103

Details

The YUV color **123.8150, 10.9372, 38.7502** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.1850, -10.9372, -38.7502**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2390, 11.2212, 41.0094**, and **72.5050, 11.0900, 36.3911** is the 20% darker color. If you saturate the color by 10%, you get **113.2660, 13.6729, 48.0017**, and if you desaturate by 10%, it is **134.3640, 8.2015, 29.4988**.

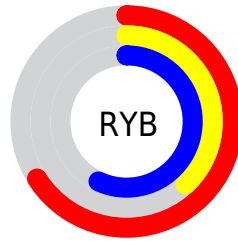
Distribution



Red (66%)

Green (38%)

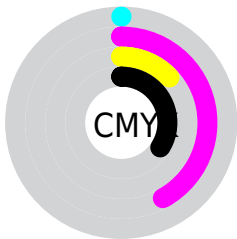
Blue (57%)



Red (66%)

Yellow (38%)

Blue (57%)

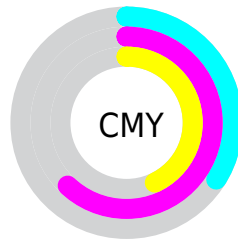


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8150, 10.9372, 38.7502 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 123.8150, 10.9372, 38.7502 by changing the saturation by 10% instead.

■ 123.8150, 10.9372,
38.7502

■ 123.8150, 10.9372,
38.7502

255.0000, 0.0000,
0.0000

■ 98.1030, 10.7952,
37.6207

■ 177.2390, 11.2212,
41.0094

■ 72.5050, 11.0900,
36.3911

■ 205.2500, 11.2158,
42.7538

■ 47.4340, 12.1110,
35.5764

■ 225.0630, 14.7589,
26.2547

■ 24.4230, 12.1165,
33.8320

■ 242.0860, 6.3666,
11.3256

■ 16.1630, 6.3286,
23.5360

■ 0.0000, 0.0000,
0.0000

123.8150, 10.9372,
38.7502

123.8150, 10.9372,
38.7502

113.2660, 13.6729,
48.0017

134.3640, 8.2015,
29.4988

102.7170, 16.4085,
57.2532

144.9130, 5.4659,
20.2473

92.6410, 18.4180,
66.0898

154.9890, 3.4564,
11.4106

82.0920, 21.1536,
75.3413

165.5380, 0.7208,
2.1592

71.5430, 23.8893,
84.5928

176.0870, -2.0149,
-7.0923


63.4560, 25.9042,
91.6851

186.6360, -4.7505,
-16.3438

197.1850, -7.4862,
-25.5952

207.2610, -9.4957,

-34.4319

 217.8100,
-12.2313, -43.6834

Harmonies

Analogous

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



123.4830, 24.4119, 10.1004



123.8150, 10.9372, 38.7502



121.8910, -4.3833, 52.7156

Triad

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



123.8150, 10.9372, 38.7502



117.1240, -31.6131, 13.0463



98.0720, 30.5305, -86.0091

Complementary

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



123.8150, 10.9372, 38.7502



141.1850, -10.9372, -38.7502

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.



95.0110, 16.2636, -83.3246



123.8150, 10.9372, 38.7502



112.9510, -22.6538, -13.9890

Square

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



123.8150, 10.9372, 38.7502



119.1360, -29.6470, 35.8377



105.0250, -4.9423, -48.2569



97.5310, 41.1502, -85.5347

Rectangle

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



123.8150, 10.9372, 38.7502



120.9590, -14.2768, 52.6560



105.0250, -4.9423, -48.2569



97.5190, 25.8731, -85.5242

Sweetspot

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



123.8150, 10.9372, 38.7502



201.5380, 4.1718, 15.3142



111.3730, 27.9171, 5.8119



98.7500, 2.5882, 9.8663



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



123.8150, 10.9372, 38.7502



149.3800, 17.5607, 61.0567



119.8250, -4.3507, 42.2495



79.0760, 1.4415, 4.3183



55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Inverse Universe

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



123.8150, 10.9372, 38.7502



149.3800, 17.5607, 61.0567



145.1750, 4.3507, -42.2495



79.0760, 1.4415, 4.3183



55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 123.8150, 10.9372, 38.7502 looks on a white background.

Color Contrast Check

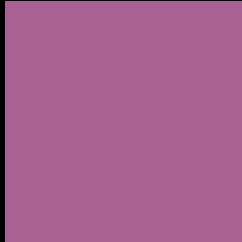
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.8150, 10.9372, 38.7502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

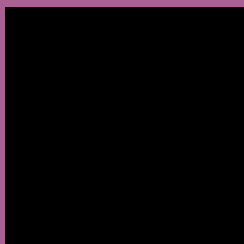
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.8150, 10.9372, 38.7502

Background



This preview shows how black text looks on a background with the YUV color 123.8150, 10.9372, 38.7502.



This preview shows how white text looks on a background with the YUV color 123.8150, 10.9372, 38.7502.

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

123.8150, 10.9372, 38.7502

Protanopia

120.9120, 20.2564, -10.4468

Deuteranopia

121.9320, 9.8935, 0.0596



Tritanopia

122.8520, -5.3500, 36.0868

Trichromacy



Original Color

123.8150, 10.9372, 38.7502

Protanomaly

121.8110, 16.8552, 7.1818

Deuteranomaly

122.4330, 10.1395, 14.5293

Tritanomaly

122.7580, 0.6123, 37.0462

Monochromacy



Original Color

123.8150, 10.9372, 38.7502

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8260, 4.0298, 14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8150, 10.9372, 38.7502 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(168, 97, 146)` looks like.

```
.text, #text, p{  
    color:rgb(168, 97, 146)  
}
```

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(168, 97, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 97, 146) }
```

Border

The CSS property to change the border of an element to YUV 123.8150, 10.9372, 38.7502 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(168, 97, 146) }
```


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

```
.border{ border-color:rgb(168, 97, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 97, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 97, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 97, 146);  
box-shadow:4px 4px 4px 4px rgb(168, 97,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 123.8150, 10.9372, 38.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 97, 146) }
```

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

```
.background{ background-color: rgb(168, 97,  
146) }
```

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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