

Converting Colors

YUV(112.7040, 19.3729,
39.7246)

Have a look what the booklet for
YUV(112.7040, 19.3729, 39.7246)
contains.

YUV(112.7040, 19.3729, 39.7246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.7040, 19.3729,
39.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5298
RGB	158, 82, 152
RGB Percent	62%, 32%, 60%
CMY	0.3804, 0.6784, 0.4039
CMYK	0.00, 0.48, 0.04, 0.38
HSL	305°, 32%, 47%
HSV	305°, 48%, 62%
XYZ	22.7853, 15.5707, 31.5103
YIQ	112.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

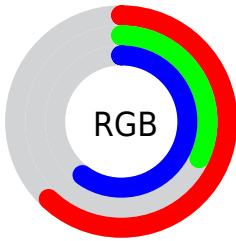
Format	Color
RYB	158, 82, 152
Decimal	10375832
CIELab	46.41, 41.61, -24.69
CIELCh	46, 48.388, 329.315
Yxy	15.5707, 0.3261, 0.2229
Android (android.graphics.Color)	4288565912 (0xFF9E5298)
YUV	112.7040, 19.3729, 39.7246
Hunter-Lab	39.4597, 34.0173, -19.7238

Details

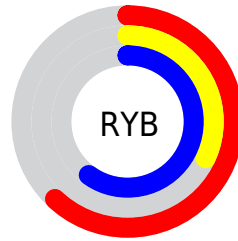
The YUV color **112.7040, 19.3729, 39.7246** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.2960, -19.3729, -39.7246**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2420, 20.0937, 41.8838**, and **60.8070, 19.8151, 37.8803** is the 20% darker color. If you saturate the color by 10%, you get **103.1980, 23.5664, 48.0614**, and if you desaturate by 10%, it is **122.2100, 15.1795, 31.3878**.

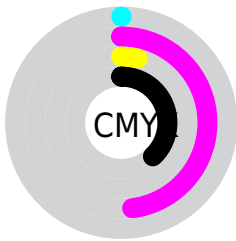
Distribution



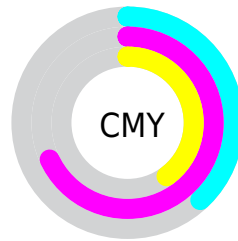
- Red (62%)
- Green (32%)
- Blue (60%)



- Red (62%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7040, 19.3729, 39.7246 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 112.7040, 19.3729, 39.7246 by changing the saturation by 10% instead.

■ 112.7040, 19.3729,
39.7246

■ 112.7040, 19.3729,
39.7246

■ 255.0000, 0.0000,
0.0000

■ 86.9920, 19.2309,
38.5950

■ 166.2420, 20.0937,
41.8838

■ 60.8070, 19.8151,
37.8803

■ 193.9540, 20.2357,
43.0133

■ 32.3990, 21.9883,
40.8691

■ 216.2580, 19.0998,
33.9767

■ 22.1880, 15.1903,
27.8991

■ 232.6940, 10.9969,
19.5624

■ 12.9170, 9.4079,
15.8588

■ 249.7170, 2.6045,
4.6332

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 112.7040, 19.3729,
39.7246

■ 112.7040, 19.3729,
39.7246

■ 103.1980, 23.5664,
48.0614

■ 122.2100, 15.1795,
31.3878

■ 93.6920, 27.7598,
56.3981

■ 131.7160, 10.9860,
23.0511

■ 84.6590, 31.2271,
64.3201

■ 140.7490, 7.5187,
15.1291

■ 75.1530, 35.4206,
72.6568

■ 150.2550, 3.3253,
6.7924

■ 65.6470, 39.6140,
80.9936

■ 159.7610, -0.8682,
-1.5444

■ 63.8860, 40.4822,
82.5380

■ 169.2670, -5.0616,
-9.8812

■ 178.8870, -8.8183,
-18.3179

■ 187.8060,
-12.7224, -26.1399

■ 197.3120,
-16.9158, -34.4766

Harmonies

Analogous

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



111.6260, 34.2014, -3.1800



112.7040, 19.3729, 39.7246



108.6780, 2.1307, 63.4264

Triad

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



112.7040, 19.3729, 39.7246



105.0300, -42.4128, 23.6527



92.7090, 27.7515, -81.3058

Complementary

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



112.7040, 19.3729, 39.7246



127.2960, -19.3729, -39.7246

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.



88.0350, 9.8427, -77.2067



112.7040, 19.3729, 39.7246



100.7100, -33.8740, -8.5157

Square

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



112.7040, 19.3729, 39.7246



107.1870, -33.6162, 48.9480



89.8580, -11.7620, -54.2495



93.7810, 42.0130, -82.2459

Rectangle

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



112.7040, 19.3729, 39.7246



107.3720, -10.5364, 66.3258



89.8580, -11.7620, -54.2495



91.2270, 22.0731, -80.0061

Sweetspot

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



112.7040, 19.3729, 39.7246



189.6350, 7.0819, 15.2291



92.1590, 32.4596, -4.5244



94.2060, 4.3354, 9.4663



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.



112.7040, 19.3729, 39.7246



135.4200, 30.3589, 62.7757



108.4860, 3.2114, 43.4238



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Inverse Universe

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



112.7040, 19.3729, 39.7246



135.4200, 30.3589, 62.7757



131.5140, -3.2114, -43.4238



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 112.7040, 19.3729, 39.7246 looks on a white background.

Color Contrast Check

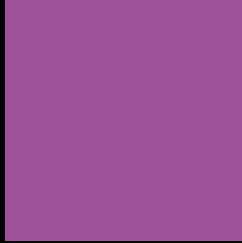
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7040, 19.3729, 39.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

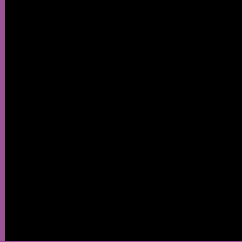
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7040, 19.3729, 39.7246

Background



This preview shows how black text looks on a background with the YUV color 112.7040, 19.3729, 39.7246.



This preview shows how white text looks on a background with the YUV color 112.7040, 19.3729, 39.7246.

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

112.7040, 19.3729, 39.7246

Protanopia

108.8320, 31.6348, -20.0237

Deuteranopia

110.9400, 17.7776, -8.7174



Tritanopia

112.1400, -5.4920, 34.9572

Trichromacy



Original Color

112.7040, 19.3729, 39.7246

Protanomaly

110.4110, 26.9124, 1.3936

Deuteranomaly

111.5770, 18.4495, 9.1410

Tritanomaly

112.5560, 3.6699, 36.3464

Monochromacy



Original Color

112.7040, 19.3729, 39.7246

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9230, 6.9400, 14.0995

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7040, 19.3729, 39.7246 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(158, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 82, 152)  
}
```

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(158, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 82, 152) }
```

Border

The CSS property to change the border of an element to YUV 112.7040, 19.3729, 39.7246 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(158, 82, 152) }
```


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

```
.border{ border-color:rgb(158, 82, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 82, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 82, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 82, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 82,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 112.7040, 19.3729, 39.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 82, 152) }
```

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

```
.background{ background-color: rgb(158, 82,  
152) }
```

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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