

Converting Colors

YUV(138.9670, 10.3693,
34.2319)

Have a look what the booklet for
YUV(138.9670, 10.3693, 34.2319)
contains.

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Color

**YUV(138.9670, 10.3693,
34.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	B273A0
RGB	178, 115, 160
RGB Percent	70%, 45%, 63%
CMY	0.3020, 0.5490, 0.3725
CMYK	0.00, 0.35, 0.10, 0.30
HSL	317°, 29%, 57%
HSV	317°, 35%, 70%
XYZ	30.8360, 24.2645, 36.3160
YIQ	138.9670, 23.1030, 27.3510

Conversions

Conversions Part 2

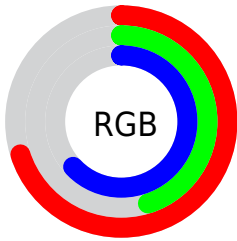
Format	Color
RYB	178, 115, 160
Decimal	11695008
CIELab	56.35, 31.71, -13.96
CIElCh	56, 34.641, 336.242
Yxy	24.2645, 0.3373, 0.2654
Android (android.graphics.Color)	4289885088 (0xFFB273A0)
YUV	138.9670, 10.3693, 34.2319
Hunter-Lab	49.2590, 25.5372, -9.2300

Details

The YUV color **138.9670, 10.3693, 34.2319** is a light color, and the websafe version is hex **996699**. A complement of this color would be **154.0330, -10.3693, -34.2319**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3910, 10.6532, 36.4911**, and **87.5430, 10.0853, 31.9728** is the 20% darker color. If you saturate the color by 10%, you get **127.8310, 13.3943, 43.9982**, and if you desaturate by 10%, it is **150.1030, 7.3442, 24.4657**.

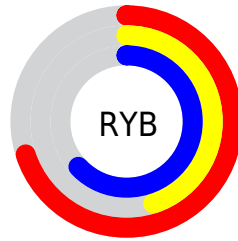
Distribution



Red (70%)

Green (45%)

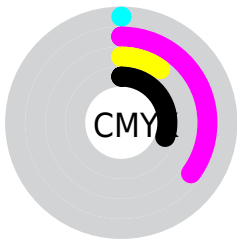
Blue (63%)



Red (70%)

Yellow (45%)

Blue (63%)

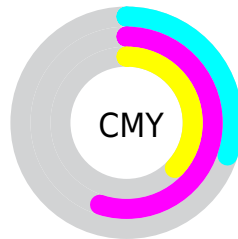


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.9670, 10.3693, 34.2319 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 138.9670, 10.3693, 34.2319 by changing the saturation by 10% instead.


 138.9670, 10.3693,
34.2319


 138.9670, 10.3693,
34.2319


255.0000, 0.0000,
0.0000


 113.2550, 10.2273,
33.1024


 193.3910, 10.6532,
36.4911

 87.5430, 10.0853,
31.9728


 218.4120, 12.1219,
32.0877

 62.9450, 10.3801,
30.7432

 236.8030, 8.9711,
15.9588

 38.7600, 10.9643,
30.0285

253.8260, 0.5788,
1.0296

 19.0970, 9.8122,
26.2249

 9.5270, 4.1772,
13.5698

 0.0000, 0.0000,

0.0000

■ 138.9670, 10.3693,
34.2319

■ 138.9670, 10.3693,
34.2319

■ 127.8310, 13.3943,
43.9982

■ 150.1030, 7.3442,
24.4657

■ 116.6950, 16.4194,
53.7645

■ 161.2390, 4.3192,
14.6994

■ 106.1460, 19.1550,
63.0160

■ 171.7880, 1.5835,
5.4479

■ 95.0100, 22.1801,
72.7822

■ 182.9240, -1.4415,
-4.3183

■ 83.8740, 25.2051,
82.5485

■ 194.0600, -4.4666,
-14.0846

■ 72.6240, 27.7934,
92.4148

■ 205.3100, -7.0548,
-23.9509

■ 67.7000, 29.2349,
96.7331

■ 216.4460,
-10.0799, -33.7171

■ 225.8210,
-12.2368, -41.9390

■ 226.3910,
-10.0528, -42.4389

Harmonies

Analogous

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



138.3040, 22.5281, 7.6264



138.9670, 10.3693, 34.2319



137.3850, -3.6408, 47.8974

Triad

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



138.9670, 10.3693, 34.2319



131.9330, -28.5610, 14.0908



107.4300, 30.8470, -94.2161

Complementary

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



138.9670, 10.3693, 34.2319



154.0330, -10.3693, -34.2319

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.



111.8870, 14.3527, -77.0769



138.9670, 10.3693, 34.2319



128.9020, -21.6437, -11.3151

Square

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



138.9670, 10.3693, 34.2319



134.5210, -26.8789, 34.6231



123.3250, -6.5692, -39.7500



117.8380, 35.5759, -70.8949

Rectangle

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



138.9670, 10.3693, 34.2319



136.5780, -13.1030, 49.4821



123.3250, -6.5692, -39.7500



106.9910, 26.6264, -93.8311

Sweetspot

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



138.9670, 10.3693, 34.2319



216.5270, 4.1772, 13.5698



127.5640, 24.8649, 4.7674



107.7390, 2.5937, 8.1219



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



138.9670, 10.3693, 34.2319



171.8690, 15.8406, 52.7349



135.4330, -3.1715, 37.3313



83.4890, 1.7309, 4.8331



58.1730, 25.0577, 83.1633



9.8260, 4.0298, 14.1846

Inverse Universe

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



138.9670, 10.3693, 34.2319



171.8690, 15.8406, 52.7349



157.5670, 3.1715, -37.3313



83.4890, 1.7309, 4.8331



58.1730, 25.0577, 83.1633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 138.9670, 10.3693, 34.2319 looks on a white background.

Color Contrast Check

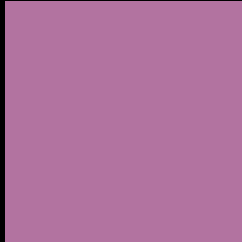
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9670, 10.3693, 34.2319 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 138.9670, 10.3693, 34.2319

Background



This preview shows how black text looks on a background with the YUV color 138.9670, 10.3693, 34.2319.



This preview shows how white text looks on a background with the YUV color 138.9670, 10.3693,

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

138.9670, 10.3693, 34.2319

Protanopia

136.0540, 18.2144, -8.8174

Deuteranopia

136.6440, 10.0355, 1.1892



Tritanopia

137.8730, -3.8814, 31.6834

Trichromacy



Original Color

138.9670, 10.3693, 34.2319

Protanomaly

137.0560, 15.2554, 6.9669

Deuteranomaly

137.7210, 9.9975, 13.3997

Tritanomaly

138.2520, 1.3548, 32.2280

Monochromacy



Original Color

138.9670, 10.3693, 34.2319

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8150, 4.0352, 12.4402

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9670, 10.3693, 34.2319 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(178, 115, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 115, 160)  
}
```

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(178, 115, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 115, 160) }
```

Border

The CSS property to change the border of an element to YUV 138.9670, 10.3693, 34.2319 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(178, 115, 160) }
```


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

```
.border{ border-color:rgb(178, 115, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 115, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 115, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 115, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 115,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 138.9670, 10.3693, 34.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 115, 160) }
```

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

```
.background{ background-color: rgb(178,  
115, 160) }
```

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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