

Converting Colors

YUV(159.0270, 9.3537, 33.3023)

Have a look what the booklet for
YUV(159.0270, 9.3537, 33.3023)
contains.

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Color

**YUV(159.0270, 9.3537,
33.3023)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C588B2 |
| RGB | 197, 136, 178 |
| RGB Percent | 77%, 53%, 70% |
| CMY | 0.2275, 0.4667, 0.3020 |
| CMYK | 0.00, 0.31, 0.10, 0.23 |
| HSL | 319°, 34%, 65% |
| HSV | 319°, 31%, 77% |
| XYZ | 39.8660, 32.6930, 46.3287 |
| YIQ | 159.0270, 22.8740, 25.9940 |

Conversions

Conversions Part 2

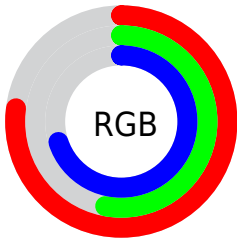
| Format | Color |
|-------------------------------------|---|
| RYB | 197, 136, 178 |
| Decimal | 12945586 |
| CIELab | 63.91, 29.83, -12.65 |
| CIELCh | 64, 32.400, 337.021 |
| Yxy | 32.6930, 0.3353, 0.2750 |
| Android (android.graphics.Color) | 4291135666 (0xFFC588B2) |
| YUV | 159.0270, 9.3537, 33.3023 |
| Hunter-Lab | 57.1778, 24.3942, -8.0157 |

Details

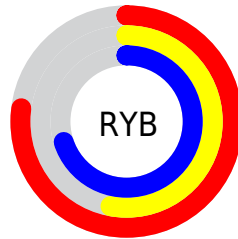
The YUV color **159.0270, 9.3537, 33.3023** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.9730, -9.3537, -33.3023**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1520, 9.7851, 34.9467**, and **106.6030, 9.0697, 31.0432** is the 20% darker color. If you saturate the color by 10%, you get **146.6030, 12.5207, 44.1982**, and if you desaturate by 10%, it is **171.4510, 6.1867, 22.4065**.

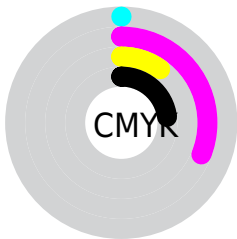
Distribution



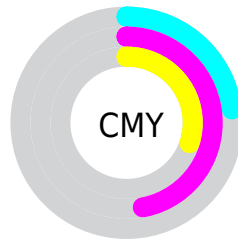
- Red (77%)
- Green (53%)
- Blue (70%)



- Red (77%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (23%)



- Cyan (23%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.0270, 9.3537, 33.3023 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 159.0270, 9.3537, 33.3023 by changing the saturation by 10% instead.


 159.0270, 9.3537,
33.3023


 159.0270, 9.3537,
33.3023


255.0000, 0.0000,
0.0000

 132.3150, 9.2117,
32.1727


 214.1520, 9.7851,
34.9467


 106.6030, 9.0697,
31.0432


 233.2810, 10.7075,
19.0476

 81.8910, 8.9277,
29.9136

 250.3040, 2.3151,
4.1184

 57.2930, 9.2226,
28.6840

 33.5210, 10.0961,
28.4841

 16.5050, 7.6390,
23.2361

 2.6630, 1.1521,

3.8035

0.0000, 0.0000,
0.0000

159.0270, 9.3537,
33.3023

159.0270, 9.3537,
33.3023

146.6030, 12.5207,
44.1982

171.4510, 6.1867,
22.4065

134.7660, 15.3984,
54.5792

183.2880, 3.3090,
12.0254

122.3420, 18.5654,
65.4751

195.7120, 0.1420,
1.1296

109.8040, 21.2956,
76.4709

208.2500, -2.5882,
-9.8663

97.9670, 24.1733,
86.8519

220.6740, -5.7553,
-20.7621

■ 85.5430, 27.3403,
97.7478

■ 232.5110, -8.6329,
-31.1431

■ 74.4070, 30.3653,
107.5141

■ 233.7820, -6.3015,
-32.2578

■ 234.4660, -3.6807,
-32.8577

■ 235.1500, -1.0600,
-33.4576

Harmonies

Analogous

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



157.9620, 21.2177, 7.9263



159.0270, 9.3537, 33.3023



158.1460, -4.5090, 46.3530

Triad

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



159.0270, 9.3537, 33.3023



152.2750, -27.2506, 13.7908



135.1010, 26.5722, -76.3876

Complementary

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



159.0270, 9.3537, 33.3023



173.9730, -9.3537, -33.3023

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.



138.4650, 11.1098, -63.5518



159.0270, 9.3537, 33.3023



148.6570, -20.0439, -11.1002

Square

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



159.0270, 9.3537, 33.3023



154.4500, -25.8578, 33.8084



144.6350, -6.7221, -37.3909



143.4870, 31.3119, -56.5551

Rectangle

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



159.0270, 9.3537, 33.3023



157.1540, -13.3869, 47.2229



144.6350, -6.7221, -37.3909



134.9610, 22.2042, -75.3878

Sweetspot

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



159.0270, 9.3537, 33.3023



240.7010, 3.5984, 12.5402



148.3360, 23.9914, 4.9673



118.6250, 2.1569, 8.2219



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.0270, 9.3537, 33.3023



196.5160, 14.5356, 51.2905



155.6070, -3.7503, 36.3017



93.3750, 1.2941, 4.9331



61.5050, 24.8940, 89.0111



13.6140, 5.6133, 19.6325

Inverse Universe

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



159.0270, 9.3537, 33.3023



196.5160, 14.5356, 51.2905



177.3930, 3.7503, -36.3017



93.3750, 1.2941, 4.9331



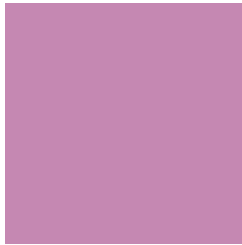
61.5050, 24.8940, 89.0111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 159.0270, 9.3537, 33.3023 looks on a white background.

Color Contrast Check

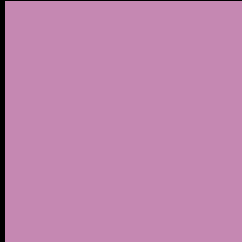
Large Text (above 18pt) WCAG AA × Fail

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 159.0270, 9.3537, 33.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

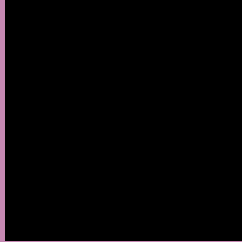
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.0270, 9.3537, 33.3023

Background



This preview shows how black text looks on a background with the YUV color 159.0270, 9.3537, 33.3023.



This preview shows how white text looks on a background with the YUV color 159.0270, 9.3537,

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

159.0270, 9.3537, 33.3023

Protanopia

156.0110, 16.7566, -7.9026

Deuteranopia

156.7260, 9.0091, 3.7483



Tritanopia

158.1010, -3.0078, 31.4834

Trichromacy



Original Color

159.0270, 9.3537, 33.3023

Protanomaly

156.8280, 14.3818, 7.1668

Deuteranomaly

157.7920, 8.9765, 14.2144

Tritanomaly

158.2520, 1.3548, 32.2280

Monochromacy



Original Color

159.0270, 9.3537, 33.3023

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2880, 3.3090, 12.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0270, 9.3537, 33.3023 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(197, 136, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 136, 178)  
}
```

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(197, 136, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 136, 178) }
```

Border

The CSS property to change the border of an element to YUV 159.0270, 9.3537, 33.3023 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(197, 136, 178) }
```


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

```
.border{ border-color:rgb(197, 136, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 136, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 136, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 136, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 136,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 159.0270, 9.3537, 33.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 136, 178) }
```

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

```
.background{ background-color: rgb(197,  
136, 178) }
```

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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