

Converting Colors

YUV(149.2570, 3.8173, 35.7316)

Have a look what the booklet for
YUV(149.2570, 3.8173, 35.7316)
contains.

YUV(149.2570, 3.8173, 35.7316)	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(149.2570, 3.8173,
35.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7F9D
RGB	190, 127, 157
RGB Percent	75%, 50%, 62%
CMY	0.2549, 0.5020, 0.3843
CMYK	0.00, 0.33, 0.17, 0.25
HSL	331°, 33%, 62%
HSV	331°, 33%, 75%
XYZ	34.9104, 28.5602, 35.5710
YIQ	149.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

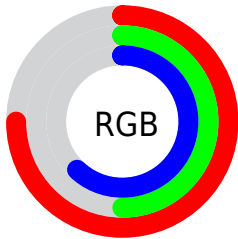
Format	Color
RYB	190, 127, 157
Decimal	12484509
CIELab	60.39, 28.80, -6.04
CIElCh	60, 29.428, 348.165
Yxy	28.5602, 0.3525, 0.2884
Android (android.graphics.Color)	4290674589 (0xFFBE7F9D)
YUV	149.2570, 3.8173, 35.7316
Hunter-Lab	53.4418, 23.0806, -2.0544

Details

The YUV color **149.2570, 3.8173, 35.7316** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.7430, -3.8173, -35.7316**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6810, 4.1013, 37.9908**, and **97.6480, 4.1175, 32.7577** is the 20% darker color. If you saturate the color by 10%, you get **136.9640, 4.9477, 46.5126**, and if you desaturate by 10%, it is **161.5500, 2.6868, 24.9506**.

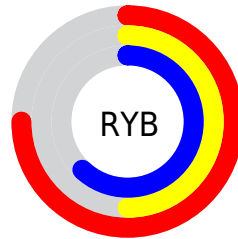
Distribution



Red (75%)

Green (50%)

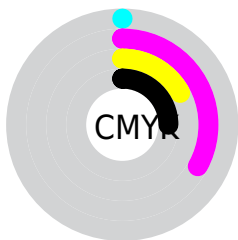
Blue (62%)



Red (75%)

Yellow (50%)

Blue (62%)

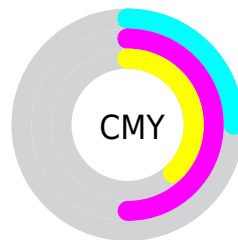


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.2570, 3.8173, 35.7316 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 149.2570, 3.8173, 35.7316 by changing the saturation by 10% instead.

 149.2570, 3.8173,
35.7316


 149.2570, 3.8173,
35.7316

255.0000, 0.0000,
0.0000


 122.6590, 4.1121,
34.5021

 203.6810, 4.1013,
37.9908

 97.6480, 4.1175,
32.7577

 225.7010, 7.0494,
25.6952

 73.0500, 4.4124,
31.5282

 244.4340, 5.2090,
9.2664

 48.8650, 4.9966,
30.8134

 24.7940, 6.0176,
29.9987

 13.7840, 1.0925,
22.9914

 0.0000, 0.0000,

0.0000

■ 149.2570, 3.8173,
35.7316

■ 149.2570, 3.8173,
35.7316

■ 136.9640, 4.9477,
46.5126

■ 161.5500, 2.6868,
24.9506

■ 124.6710, 6.0782,
57.2935

■ 173.8430, 1.5564,
14.1697

■ 112.3780, 7.2086,
68.0745

■ 186.1360, 0.4260,
3.3887

■ 100.0850, 8.3391,
78.8555

■ 198.4290, -0.7045,
-7.3922

■ 87.7920, 9.4695,
89.6364

■ 210.7220, -1.8349,
-18.1732

■ 75.4990, 10.6000,
100.4174

■ 223.0150, -2.9654,
-28.9542

■ 67.0700, 11.3045,
107.8096

■ 232.3730, -2.6489,
-37.1611

■ 233.5130, 1.7191,
-38.1609

■ 234.6530, 6.0871,
-39.1607

Harmonies

Analogous

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



148.8230, 15.3703, 16.8182



149.2570, 3.8173, 35.7316



147.7990, -8.2819, 43.1493

Triad

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



149.2570, 3.8173, 35.7316



142.3600, -22.8555, 4.0693



131.2600, 25.5078, -61.6180

Complementary

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



149.2570, 3.8173, 35.7316



167.7430, -3.8173, -35.7316

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.



130.2140, 15.1775, -61.5777



149.2570, 3.8173, 35.7316



138.8070, -14.2019, -18.2477

Square

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



149.2570, 3.8173, 35.7316



144.7370, -24.5203, 24.7867



134.6220, -0.3066, -41.7645



139.0870, 28.0581, -39.5413

Rectangle

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



149.2570, 3.8173, 35.7316



147.4260, -15.9860, 40.8454



134.6220, -0.3066, -41.7645



129.6680, 23.3347, -64.6068

Sweetspot

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



149.2570, 3.8173, 35.7316



231.4300, 1.2670, 13.6549



144.0490, 22.6538, 13.9890



115.2830, 0.8465, 8.5218



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.2570, 3.8173, 35.7316



183.0730, 6.3730, 56.0640



146.4240, -9.5760, 38.2162



88.1470, 0.4205, 5.1331



55.7920, 9.4695, 89.6364



10.9790, 1.9824, 17.5584

Inverse Universe

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



149.2570, 3.8173, 35.7316



183.0730, 6.3730, 56.0640



170.5760, 9.5760, -38.2162



88.1470, 0.4205, 5.1331



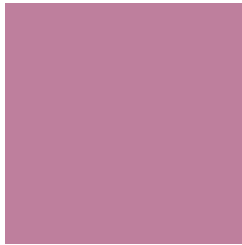
55.7920, 9.4695, 89.6364



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 149.2570, 3.8173, 35.7316 looks on a white background.

Color Contrast Check

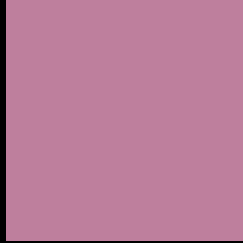
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2570, 3.8173, 35.7316 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 149.2570, 3.8173, 35.7316

Background



This preview shows how black text looks on a background with the YUV color 149.2570, 3.8173, 35.7316.



This preview shows how white text looks on a background with the YUV color 149.2570, 3.8173,

35.7316.

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

149.2570, 3.8173, 35.7316

Protanopia

146.7250, 10.4886, -4.1438

Deuteranopia

147.5540, 3.1779, 7.4071



Tritanopia

148.4820, -4.1816, 34.6573

Trichromacy



Original Color

149.2570, 3.8173, 35.7316

Protanomaly

147.2430, 8.2612, 10.3109

Deuteranomaly

148.3210, 3.2927, 17.2585

Tritanomaly

148.8780, -1.4189, 35.1870

Monochromacy



Original Color

149.2570, 3.8173, 35.7316

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2570, 3.8173, 35.7316 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(190, 127, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 157)  
}
```

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(190, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 157) }
```

Border

The CSS property to change the border of an element to YUV 149.2570, 3.8173, 35.7316 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(190, 127, 157) }
```


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

```
.border{ border-color:rgb(190, 127, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 127, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 127,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 149.2570, 3.8173, 35.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 157) }
```

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

```
.background{ background-color: rgb(190,  
127, 157) }
```

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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