

Converting Colors

YUV(149.6700, 4.1067, 36.2464)

Have a look what the booklet for
YUV(149.6700, 4.1067, 36.2464)
contains.

YUV(149.6700, 4.1067, 36.2464)	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(149.6700, 4.1067,
36.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7F9E
RGB	191, 127, 158
RGB Percent	75%, 50%, 62%
CMY	0.2510, 0.5020, 0.3804
CMYK	0.00, 0.34, 0.17, 0.25
HSL	331°, 33%, 62%
HSV	331°, 34%, 75%
XYZ	35.2468, 28.7237, 36.0343
YIQ	149.6700, 28.1930, 23.2090

Conversions

Conversions Part 2

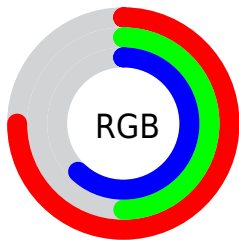
Format	Color
R_{YB}	191, 127, 158
Decimal	12550046
CIE Lab	60.54, 29.32, -6.38
CIE LCh	61, 30.008, 347.725
Yxy	28.7237, 0.3525, 0.2872
Android (android.graphics.Color)	4290740126 (0xFFBF7F9E)
YUV	149.6700, 4.1067, 36.2464
Hunter-Lab	53.5945, 23.6013, -2.3475

Details

The YUV color **149.6700, 4.1067, 36.2464** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.3300, -4.1067, -36.2464**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0940, 4.3907, 38.5056**, and **98.0610, 4.4069, 33.2725** is the 20% darker color. If you saturate the color by 10%, you get **137.3770, 5.2371, 47.0274**, and if you desaturate by 10%, it is **161.9630, 2.9762, 25.4654**.

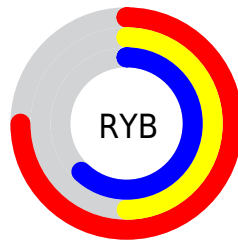
Distribution



Red (75%)

Green (50%)

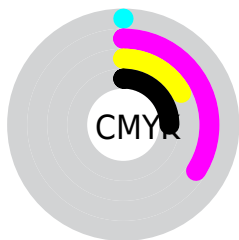
Blue (62%)



Red (75%)

Yellow (50%)

Blue (62%)

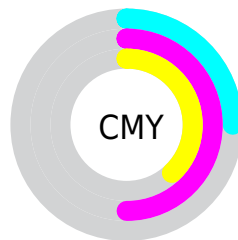


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6700, 4.1067, 36.2464 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 149.6700, 4.1067, 36.2464 by changing the saturation by 10% instead.

■ 149.6700, 4.1067,
36.2464

■ 149.6700, 4.1067,
36.2464

■ 255.0000, 0.0000,
0.0000

■ 123.0720, 4.4015,
35.0169

■ 204.0940, 4.3907,
38.5056

■ 98.0610, 4.4069,
33.2725

■ 225.8150, 7.4862,
25.5952

■ 73.4630, 4.7017,
32.0429

■ 244.4340, 5.2090,
9.2664

■ 49.1640, 4.8491,
31.4282

■ 25.2070, 6.3069,
30.5135

■ 13.8980, 1.5293,
22.8915

■ 0.0000, 0.0000,

0.0000

■ 149.6700, 4.1067,
36.2464

■ 149.6700, 4.1067,
36.2464

■ 137.3770, 5.2371,
47.0274

■ 161.9630, 2.9762,
25.4654

■ 125.0840, 6.3676,
57.8083

■ 174.2560, 1.8458,
14.6845

■ 112.7910, 7.4980,
68.5893

■ 186.5490, 0.7153,
3.9035

■ 100.6120, 9.0653,
79.2703

■ 198.7280, -0.8519,
-6.7775

■ 88.3190, 10.1957,
90.0512

■ 211.6080, -2.2717,
-18.0732

■ 75.4390, 11.6156,
101.3470

■ 223.9010, -3.4022,
-28.8542

■ 67.7110, 12.4675,
108.1245

■ 232.6720, -2.7963,
-36.5463

■ 233.8120, 1.5717,
-37.5461

■ 234.9520, 5.9397,
-38.5459

Harmonies

Analogous

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



149.9370, 15.8071, 16.7183



149.6700, 4.1067, 36.2464



148.0980, -8.4293, 43.7641

Triad

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



149.6700, 4.1067, 36.2464



142.5450, -23.4397, 4.7840



131.0640, 26.0974, -64.0771

Complementary

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



149.6700, 4.1067, 36.2464



168.3300, -4.1067, -36.2464

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.



129.6160, 15.4723, -62.8072



149.6700, 4.1067, 36.2464



139.3940, -14.4912, -18.7625

Square

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



149.6700, 4.1067, 36.2464



145.5090, -25.3939, 24.9866



134.9100, -0.4486, -42.8941



139.1900, 28.5003, -41.3856

Rectangle

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



149.6700, 4.1067, 36.2464



147.1380, -15.8440, 41.9750



134.9100, -0.4486, -42.8941



129.3580, 23.4875, -66.9660

Sweetspot

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



149.6700, 4.1067, 36.2464



231.5440, 1.7038, 13.5549



143.8640, 23.2380, 13.2743



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.



149.6700, 4.1067, 36.2464



183.0730, 6.3730, 56.0640



146.1360, -9.4340, 39.3457



88.1470, 0.4205, 5.1331



56.0200, 10.3431, 89.4365



10.9790, 1.9824, 17.5584

Inverse Universe

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



149.6700, 4.1067, 36.2464



183.0730, 6.3730, 56.0640



171.8640, 9.4340, -39.3457



88.1470, 0.4205, 5.1331



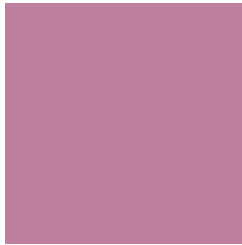
56.0200, 10.3431, 89.4365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 149.6700, 4.1067, 36.2464 looks on a white background.

Color Contrast Check

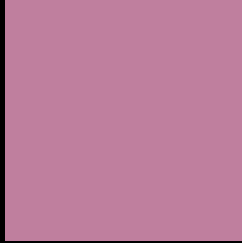
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.6700, 4.1067, 36.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

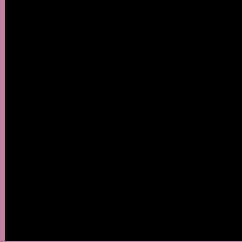
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.6700, 4.1067, 36.2464

Background



This preview shows how black text looks on a background with the YUV color 149.6700, 4.1067, 36.2464.



This preview shows how white text looks on a background with the YUV color 149.6700, 4.1067,

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

149.6700, 4.1067, 36.2464

Protanopia

146.9530, 11.3622, -4.3438

Deuteranopia

147.6680, 3.6147, 7.3072



Tritanopia

148.7810, -4.3290, 35.2721

Trichromacy



Original Color

149.6700, 4.1067, 36.2464

Protanomaly

147.7700, 8.9874, 10.7257

Deuteranomaly

148.7340, 3.5821, 17.7733

Tritanomaly

149.2910, -1.1295, 35.7018

Monochromacy



Original Color

149.6700, 4.1067, 36.2464

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6700, 4.1067, 36.2464 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(191, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 158)  
}
```

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(191, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 158) }
```

Border

The CSS property to change the border of an element to YUV 149.6700, 4.1067, 36.2464 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(191, 127, 158) }
```


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

```
.border{ border-color:rgb(191, 127, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 127, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 158);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 149.6700, 4.1067, 36.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 158) }
```

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

```
.background{ background-color: rgb(191,  
127, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor