

Converting Colors

YUV(142.1000, 5.3737, 49.9013)

Have a look what the booklet for
YUV(142.1000, 5.3737, 49.9013)
contains.

YUV(142.1000, 5.3737, 49.9013)	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(142.1000, 5.3737,
49.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	C76F99
RGB	199, 111, 153
RGB Percent	78%, 44%, 60%
CMY	0.2196, 0.5647, 0.4000
CMYK	0.00, 0.44, 0.23, 0.22
HSL	331°, 44%, 61%
HSV	331°, 44%, 78%
XYZ	34.9874, 25.8109, 33.2750
YIQ	142.1000, 38.9660, 31.7180

Conversions

Conversions Part 2

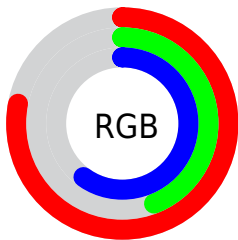
Format	Color
R_{YB}	199, 111, 153
Decimal	13070233
CIE Lab	57.86, 39.99, -7.38
CIE LCh	58, 40.664, 349.551
Yxy	25.8109, 0.3719, 0.2744
Android (android.graphics.Color)	4291260313 (0xFFC76F99)
YUV	142.1000, 5.3737, 49.9013
Hunter-Lab	50.8044, 34.0195, -3.2696

Details

The YUV color **142.1000, 5.3737, 49.9013** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.9000, -5.3737, -49.9013**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1110, 5.3683, 51.6457**, and **89.6050, 6.1107, 46.8274** is the 20% darker color. If you saturate the color by 10%, you get **129.2200, 6.7935, 61.1971**, and if you desaturate by 10%, it is **154.9800, 3.9539, 38.6055**.

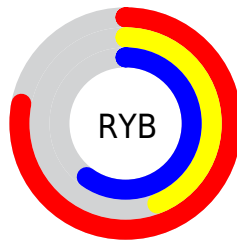
Distribution



Red (78%)

Green (44%)

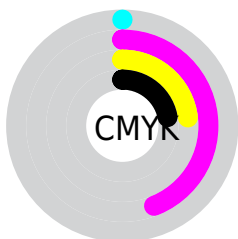
Blue (60%)



Red (78%)

Yellow (44%)

Blue (60%)

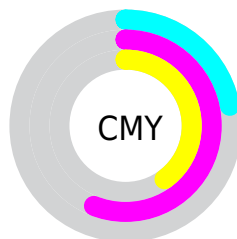


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.1000, 5.3737, 49.9013 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 142.1000, 5.3737, 49.9013 by changing the saturation by 10% instead.

 142.1000, 5.3737,
49.9013

 142.1000, 5.3737,
49.9013

255.0000, 0.0000,
0.0000

 115.5020, 5.6685,
48.6717


 196.1110, 5.3683,
51.6457


 89.6050, 6.1107,
46.8274


 215.8530, 9.9325,
34.3319


 63.5340, 7.1317,
46.0127

 235.0420, 9.8393,
17.5032

 34.6420, 10.0365,
47.6720

 252.0650, 1.4470,
2.5740

 23.0120, 5.4171,
35.9465

 13.6980, -1.8231,
24.8209

 0.0000, 0.0000,

0.0000

■ 142.1000, 5.3737,
49.9013

■ 142.1000, 5.3737,
49.9013

■ 129.2200, 6.7935,
61.1971

■ 154.9800, 3.9539,
38.6055

■ 116.2260, 7.7766,
72.5928

■ 167.9740, 2.9708,
27.2098

■ 103.3460, 9.1964,
83.8886

■ 180.8540, 1.5510,
15.9140

■ 90.3520, 10.1795,
95.2843

■ 193.8480, 0.5679,
4.5183

■ 78.0590, 11.3099,
106.0653

■ 206.7280, -0.8519,
-6.7775

■ 70.3310, 12.1618,
112.8427

■ 219.0210, -1.9824,
-17.5584

■ 232.0150, -2.9654,
-28.9542

■ 236.0900, -0.0444,
-32.5279

■ 237.3440, 4.7604,
-33.6277

Harmonies

Analogous

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



143.2460, 20.5847, 24.3403



142.1000, 5.3737, 49.9013



140.3880, -11.5303, 58.4187

Triad

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



142.1000, 5.3737, 49.9013



133.7700, -31.4386, 3.7097



112.2860, 39.2990, -98.4748

Complementary

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



142.1000, 5.3737, 49.9013



167.9000, -5.3737, -49.9013

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.



110.6270, 25.3269, -97.0199



142.1000, 5.3737, 49.9013



128.6010, -18.5373, -27.7141

Square

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



142.1000, 5.3737, 49.9013



136.9520, -33.9933, 29.8601



117.1730, 3.8587, -71.1887



122.8690, 41.9696, -68.2911

Rectangle

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



142.1000, 5.3737, 49.9013



139.0210, -21.7024, 54.3556



117.1730, 3.8587, -71.1887



112.4340, 34.7890, -98.6046

Sweetspot

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



142.1000, 5.3737, 49.9013



233.6910, 2.1243, 18.6880



134.4870, 31.8049, 18.8669



114.4190, 1.2724, 11.9105



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.



142.1000, 5.3737, 49.9013



167.6610, 8.0551, 76.5963



137.8990, -13.2612, 53.5856



93.1470, 0.4205, 5.1331



57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Inverse Universe

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



142.1000, 5.3737, 49.9013



167.6610, 8.0551, 76.5963



172.1010, 13.2612, -53.5856



93.1470, 0.4205, 5.1331



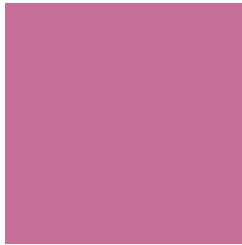
57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 142.1000, 5.3737, 49.9013 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 142.1000, 5.3737, 49.9013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

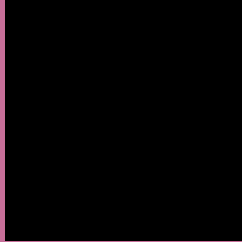
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.1000, 5.3737, 49.9013

Background



This preview shows how black text looks on a background with the YUV color 142.1000, 5.3737, 49.9013.



This preview shows how white text looks on a background with the YUV color 142.1000, 5.3737,

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

142.1000, 5.3737, 49.9013

Protanopia

139.9680, 15.2988, -6.9879

Deuteranopia

140.7820, 4.0515, 7.2072



Tritanopia

140.9460, -7.8614, 48.2824

Trichromacy



Original Color

142.1000, 5.3737, 49.9013

Protanomaly

140.4760, 11.5973, 13.6145

Deuteranomaly

140.9950, 4.4395, 22.8064

Tritanomaly

141.2110, -3.0620, 48.9270

Monochromacy



Original Color

142.1000, 5.3737, 49.9013

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2780, 1.8349, 18.1732

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1000, 5.3737, 49.9013 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(199, 111, 153)` looks like.

```
.text, #text, p{  
    color:rgb(199, 111, 153)  
}
```

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(199, 111, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 111, 153) }
```

Border

The CSS property to change the border of an element to YUV 142.1000, 5.3737, 49.9013 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(199, 111, 153) }
```


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

```
.border{ border-color:rgb(199, 111, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 111, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 111, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 111, 153);  
box-shadow:4px 4px 4px 4px rgb(199, 111,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 142.1000, 5.3737, 49.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 111, 153) }
```

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

```
.background{ background-color: rgb(199,  
111, 153) }
```

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