

# Converting Colors

YUV(142.9320, 23.6975,  
52.6796)

Have a look what the booklet for  
YUV(142.9320, 23.6975, 52.6796)  
contains.

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# Color

**YUV(142.9320, 23.6975,  
52.6796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB67BF
RGB	203, 103, 191
RGB Percent	80%, 40%, 75%
CMY	0.2039, 0.5961, 0.2510
CMYK	0.00, 0.49, 0.06, 0.20
HSL	307°, 49%, 60%
HSV	307°, 49%, 80%
XYZ	38.8828, 26.1586, 52.2900
YIQ	142.9320, 31.3520, 48.5680

# Conversions

## Conversions Part 2

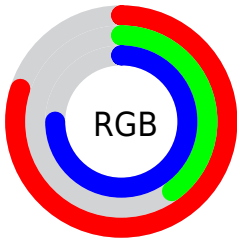
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 103, 191
Decimal	13330367
CIE <sub>Lab</sub>	58.19, 51.40, -28.71
CIE <sub>LCh</sub>	58, 58.876, 330.813
Yxy	26.1586, 0.3314, 0.2229
Android (android.graphics.Color)	4291520447 (0xFFCB67BF)
YUV	142.9320, 23.6975, 52.6796
Hunter-Lab	51.1455, 46.1982, -24.8149

# Details

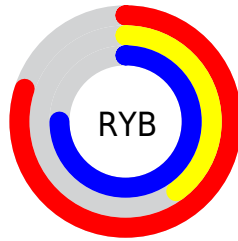
The YUV color **142.9320, 23.6975, 52.6796** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.0680, -23.6975, -52.6796**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6760, 25.3027, 51.1501**, and **88.3340, 23.9923, 51.4501** is the 20% darker color. If you saturate the color by 10%, you get **130.9640, 28.6117, 63.1756**, and if you desaturate by 10%, it is **154.9000, 18.7833, 42.1837**.

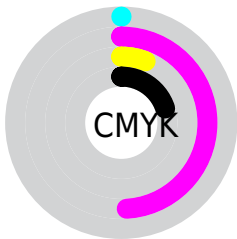
# Distribution



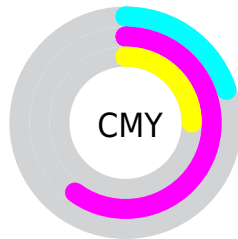
- Red (80%)
- Green (40%)
- Blue (75%)



- Red (80%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (49%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.9320, 23.6975, 52.6796 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 142.9320, 23.6975, 52.6796 by changing the saturation by 10% instead.



142.9320, 23.6975,  
52.6796

142.9320, 23.6975,  
52.6796

255.0000, 0.0000,  
0.0000

115.3340, 23.9923,  
51.4501

196.6760, 25.3027,  
51.1501

88.3340, 23.9923,  
51.4501

213.9100, 20.2574,  
36.0359

58.9150, 26.1709,  
52.6945

230.9330, 11.8650,  
21.1068

37.7250, 24.2926,  
48.4762

247.9560, 3.4727,  
6.1776

27.2150, 17.6420,  
34.8914

17.8300, 11.4228,  
22.9511

2.0520, 7.8624,

-1.7996

■ 0.0000, 0.0000,  
0.0000

■ 142.9320, 23.6975,  
52.6796

■ 142.9320, 23.6975,  
52.6796

■ 130.9640, 28.6117,  
63.1756

■ 154.9000, 18.7833,  
42.1837

■ 118.2950, 33.3786,  
74.2863

■ 167.5690, 14.0165,  
31.0730

■ 106.3270, 38.2928,  
84.7822

■ 179.5370, 9.1023,  
20.5771

■ 94.2450, 42.7702,  
95.3781

■ 191.6190, 4.6248,  
9.9811

■ 82.2770, 47.6844,  
105.8741

■ 204.1740, -0.5788,  
-1.0296

81.1030, 48.2632,  
106.9037

216.2560, -5.0562,  
-11.6255

228.2240, -9.9704,  
-22.1214

234.3220,  
-11.9907, -27.4694

234.6640,  
-10.6804, -27.7693

# Harmonies

## Analogous

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



142.2270, 42.7791, -1.0761



142.9320, 23.6975, 52.6796



137.9730, 1.4923, 81.5847

# Triad

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



142.9320, 23.6975, 52.6796



132.7350, -55.0854, 28.2964



118.0420, 35.9683, -103.5228

# Complementary

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



142.9320, 23.6975, 52.6796



163.0680, -23.6975, -52.6796

# 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.



112.2280, 13.6916, -98.4240



142.9320, 23.6975, 52.6796



127.7990, -42.2989, -12.9787

# Square

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



142.9320, 23.6975, 52.6796



136.0330, -43.4003, 60.4841



110.4160, -11.5441, -77.5408



118.8520, 54.3030, -104.2332



# Rectangle

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



142.9320, 23.6975, 52.6796



136.3420, -14.9586, 84.7691



110.4160, -11.5441, -77.5408



116.2180, 28.9795, -101.9232

# Sweetspot

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



142.9320, 23.6975, 52.6796



232.1240, 8.8129, 20.0623



117.9880, 41.9109, -2.6205



114.1570, 5.3456, 12.1403



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.



142.9320, 23.6975, 52.6796



164.8980, 35.5463, 79.0195



137.2320, 1.8576, 57.6785



96.0160, 2.4571, 5.2480



66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623



# Inverse Universe

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



142.9320, 23.6975, 52.6796



164.8980, 35.5463, 79.0195



168.7680, -1.8576, -57.6785



96.0160, 2.4571, 5.2480



66.2780, 39.3029, 87.4562

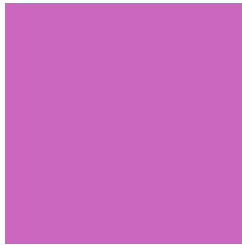


15.2380, 9.2497, 19.9623



# Previews

## White Background



This preview shows how the YUV color 142.9320, 23.6975, 52.6796 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

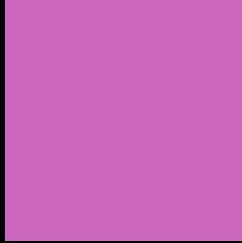
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.9320, 23.6975, 52.6796 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

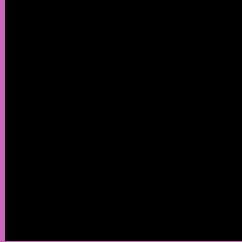
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.9320, 23.6975, 52.6796

## Background



This preview shows how black text looks on a background with the YUV color 142.9320, 23.6975, 52.6796.



This preview shows how white text looks on a background with the YUV color 142.9320, 23.6975,



# 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

142.9320, 23.6975, 52.6796

### Protanopia

138.8620, 39.5080, -25.3120

### Deuteranopia

140.9660, 21.7088, -9.6172



## Tritanopia

142.0490, -7.4192, 46.4380

# Trichromacy



## Original Color

142.9320, 23.6975, 52.6796

## Protanomaly

140.2570, 33.8903, 3.2826

## Deuteranomaly

141.6360, 22.3645, 13.4742

## Tritanomaly

142.6330, 3.6319, 48.5569

# Monochromacy



## Original Color

142.9320, 23.6975, 52.6796

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

142.7110, 8.5235, 19.5475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.9320, 23.6975, 52.6796 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(203, 103, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 191)  
}
```

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(203, 103, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 191) }
```

## Border

The CSS property to change the border of an element to YUV 142.9320, 23.6975, 52.6796 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(203, 103, 191) }
```



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

```
.border{ border-color:rgb(203, 103, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 142.9320, 23.6975, 52.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 191) }
```

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

```
.background{ background-color: rgb(203,  
103, 191) }
```

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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