

# Converting Colors

YUV(116.3670, 7.2141, 66.3301)

Have a look what the booklet for  
YUV(116.3670, 7.2141, 66.3301)  
contains.

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# Color

**YUV(116.3670, 7.2141,  
66.3301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C04B83
RGB	192, 75, 131
RGB Percent	75%, 29%, 51%
CMY	0.2471, 0.7059, 0.4863
CMYK	0.00, 0.61, 0.32, 0.25
HSL	331°, 48%, 52%
HSV	331°, 61%, 75%
XYZ	28.3510, 17.8773, 23.4291
YIQ	116.3670, 51.7560, 42.2200

# Conversions

## Conversions Part 2

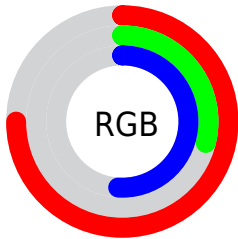
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 75, 131
Decimal	12602243
CIE <sub>Lab</sub>	49.35, 52.41, -7.18
CIE <sub>LCh</sub>	49, 52.899, 352.199
Yxy	17.8773, 0.4070, 0.2566
Android (android.graphics.Color)	4290792323 (0xFFC04B83)
YUV	116.3670, 7.2141, 66.3301
Hunter-Lab	42.2816, 45.6967, -3.2568

# Details

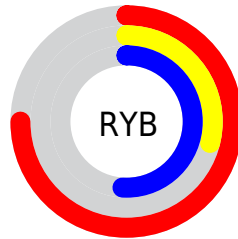
The YUV color **116.3670, 7.2141, 66.3301** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **150.6330, -7.2141, -66.3301**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7480, 6.0402, 69.5040**, and **56.1700, 12.7342, 69.1339** is the 20% darker color. If you saturate the color by 10%, you get **104.0740, 8.3445, 77.1111**, and if you desaturate by 10%, it is **128.6600, 6.0836, 55.5492**.

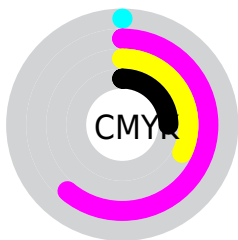
# Distribution



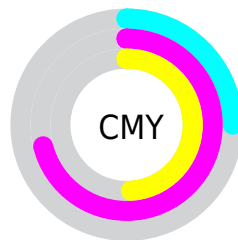
- Red (75%)
- Green (29%)
- Blue (51%)



- Red (75%)
- Yellow (29%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 116.3670, 7.2141, 66.3301 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 116.3670, 7.2141, 66.3301 by changing the saturation by 10% instead.





 116.3670, 7.2141,  
66.3301


 116.3670, 7.2141,  
66.3301

255.0000, 0.0000,  
0.0000


 88.4100, 8.6719,  
65.4154

 171.7480, 6.0402,  
69.5040


 56.1700, 12.7342,  
69.1339


 192.5720, 9.5780,  
54.7494


 38.7190, 9.9985,  
59.8824


 212.2000, 13.7054,  
37.5356

 27.8390, 4.5164,  
44.8682

 230.9330, 11.8650,  
21.1068

 18.5680, -1.2660,  
32.8279

 247.9560, 3.4727,  
6.1776

 4.7840, -2.3585,  
9.8364

 0.0000, 0.0000,

0.0000

■ 116.3670, 7.2141,  
66.3301

■ 116.3670, 7.2141,  
66.3301

■ 104.0740, 8.3445,  
77.1111

■ 128.6600, 6.0836,  
55.5492

■ 91.7810, 9.4750,  
87.8921

■ 140.9530, 4.9532,  
44.7682

■ 78.9010, 10.8948,  
99.1878

■ 153.8330, 3.5333,  
33.4725

■ 67.8960, 11.8833,  
108.8392

■ 166.1260, 2.4029,  
22.6915

■ 178.4190, 1.2724,  
11.9105

■ 190.7120, 0.1420,  
1.1296

■ 203.0050, -0.9885,  
-9.6514

■ 215.8850, -2.4083,  
-20.9471

■ 228.1780, -3.5388,  
-31.7281

# Harmonies

## Analogous

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



120.3920, 25.9357, 34.7362



116.3670, 7.2141, 66.3301



114.2050, -13.9051, 73.4882

# Triad

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



116.3670, 7.2141, 66.3301



108.1750, -42.4843, -0.1535



100.6770, 43.0502, -88.2937

# Complementary

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



116.3670, 7.2141, 66.3301



150.6330, -7.2141, -66.3301

# 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.



98.1060, 25.5837, -86.0390



116.3670, 7.2141, 66.3301



100.0350, -20.2303, -44.7577

# Square

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



116.3670, 7.2141, 66.3301



111.8310, -47.2447, 33.4742



92.8620, 5.4910, -81.4400



97.4460, 53.5171, -85.4601



# Rectangle

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



116.3670, 7.2141, 66.3301



114.3060, -27.2659, 65.5066



92.8620, 5.4910, -81.4400



100.5970, 37.6667, -88.2236

# Sweetspot

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



116.3670, 7.2141, 66.3301



220.8490, 2.5394, 25.5654



106.2780, 42.2609, 25.1892



106.9680, 1.9878, 15.8141



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.



116.3670, 7.2141, 66.3301



131.7490, 11.4627, 103.7061



111.1570, -17.8254, 70.8993



90.5600, 0.7099, 5.6479



56.9170, 9.9009, 91.2808



11.6910, 2.1243, 18.6880



# Inverse Universe

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



116.3670, 7.2141, 66.3301



131.7490, 11.4627, 103.7061



155.8430, 17.8254, -70.8993



90.5600, 0.7099, 5.6479



56.9170, 9.9009, 91.2808



11.6910, 2.1243, 18.6880



# Previews

## White Background



This preview shows how the YUV color 116.3670, 7.2141, 66.3301 looks on a white 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



# Black Background



This preview shows how the YUV color 116.3670, 7.2141, 66.3301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

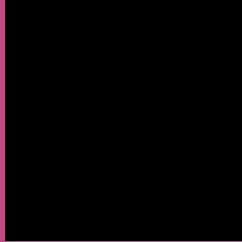
Any Text WCAG AA ✓ Pass

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 116.3670, 7.2141, 66.3301 Background



This preview shows how black text looks on a background with the YUV color 116.3670, 7.2141, 66.3301.



This preview shows how white text looks on a background with the YUV color 116.3670, 7.2141,



# 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

116.3670, 7.2141, 66.3301

### Protanopia

117.9120, 20.2564, -10.4468

### Deuteranopia

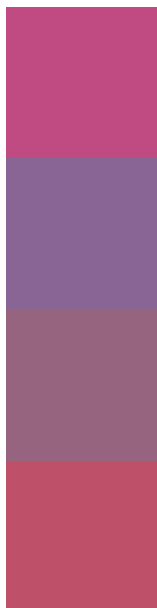
118.8420, 3.0359, 6.2776



## Tritanopia

116.0790, -12.8569, 63.9517

# Trichromacy



## Original Color

116.3670, 7.2141, 66.3301

## Protanomaly

117.2360, 15.6597, 17.3330

## Deuteranomaly

118.0280, 4.4232, 28.0394

## Tritanomaly

116.3270, -5.5842, 64.6112

# Monochromacy



## Original Color

116.3670, 7.2141, 66.3301

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

116.1370, 2.3975, 24.4359

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.3670, 7.2141, 66.3301 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(192, 75, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 75, 131)  
}
```

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(192, 75, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 75, 131) }
```

## Border

The CSS property to change the border of an element to YUV 116.3670, 7.2141, 66.3301 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(192, 75, 131) }
```



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

```
.border{ border-color:rgb(192, 75, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 75, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 75, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 75, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 75,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 116.3670, 7.2141, 66.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 75, 131) }
```

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

```
.background{ background-color: rgb(192, 75,  
131) }
```

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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