

# Converting Colors

YUV(151.3150, 12.6627,  
45.3277)

Have a look what the booklet for  
YUV(151.3150, 12.6627, 45.3277)  
contains.

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# Color

**YUV(151.3150, 12.6627,  
45.3277)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB78B1
RGB	203, 120, 177
RGB Percent	80%, 47%, 69%
CMY	0.2039, 0.5294, 0.3059
CMYK	0.00, 0.41, 0.13, 0.20
HSL	319°, 44%, 63%
HSV	319°, 41%, 80%
XYZ	39.2809, 29.3038, 45.1808
YIQ	151.3150, 31.1710, 35.3230

# Conversions

## Conversions Part 2

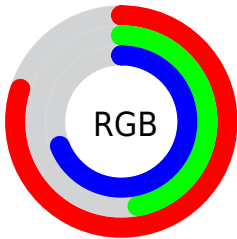
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 120, 177
Decimal	13334705
CIE Lab	61.05, 40.33, -16.33
CIE LCh	61, 43.510, 337.954
Yxy	29.3038, 0.3453, 0.2576
Android (android.graphics.Color)	4291524785 (0xFFFCB78B1)
YUV	151.3150, 12.6627, 45.3277
Hunter-Lab	54.1330, 34.7935, -11.5920

# Details

The YUV color **151.3150, 12.6627, 45.3277** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.6850, -12.6627, -45.3277**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9450, 13.8311, 43.8982**, and **98.5920, 12.5261, 42.4538** is the 20% darker color. If you saturate the color by 10%, you get **138.8910, 15.8297, 56.2236**, and if you desaturate by 10%, it is **163.7390, 9.4957, 34.4319**.

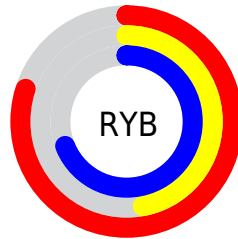
# Distribution



Red (80%)

Green (47%)

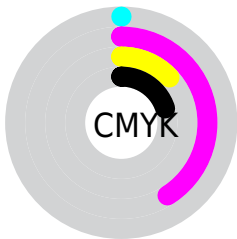
Blue (69%)



Red (80%)

Yellow (47%)

Blue (69%)

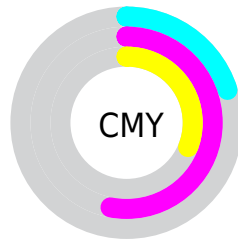


Cyan (0%)

Magenta (41%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (53%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 151.3150, 12.6627, 45.3277 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 151.3150, 12.6627, 45.3277 by changing the saturation by 10% instead.





 151.3150, 12.6627,  
45.3277


 151.3150, 12.6627,  
45.3277


255.0000, 0.0000,  
0.0000

 124.6030, 12.5207,  
44.1982


 204.9450, 13.8311,  
43.8982


 98.5920, 12.5261,  
42.4538


 223.8890, 15.3377,  
27.2843

 72.4070, 13.1103,  
41.7391

 240.3250, 7.2348,  
12.8700

 46.0480, 14.2733,  
42.0539

 26.5590, 12.5424,  
37.2208

 17.7010, 7.0494,  
25.6952

 1.4240, 0.2840,

2.2592

0.0000, 0.0000,  
0.0000

151.3150, 12.6627,  
45.3277

151.3150, 12.6627,  
45.3277

138.8910, 15.8297,  
56.2236

163.7390, 9.4957,  
34.4319

125.7660, 18.8494,  
67.7342

176.8640, 6.4760,  
22.9213

113.3420, 22.0164,  
78.6301

189.2880, 3.3090,  
12.0254

100.9180, 25.1834,  
89.5259

201.7120, 0.1420,  
1.1296

88.3800, 27.9137,  
100.5217

214.8370, -2.8776,  
-10.3810

■ 76.5430, 30.7913,  
110.9028

■ 227.2610, -6.0447,  
-21.2769

■ 235.6900, -6.7492,  
-28.6691

■ 236.3740, -4.1284,  
-29.2690

■ 237.0580, -1.5076,  
-29.8689

# Harmonies

## Analogous

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



150.8190, 28.1902, 11.5597



151.3150, 12.6627, 45.3277



149.0170, -5.4314, 62.2521

# Triad

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



151.3150, 12.6627, 45.3277



142.8810, -36.4233, 15.8904



118.8570, 36.5525, -104.2376

# Complementary

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



151.3150, 12.6627, 45.3277



171.6850, -12.6627, -45.3277

# 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.



115.9270, 20.2490, -101.6680



151.3150, 12.6627, 45.3277



138.6040, -26.4268, -17.1927

# Square

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



151.3150, 12.6627, 45.3277



145.9150, -34.4681, 42.1705



129.9270, -6.3730, -56.0640



118.1850, 49.2088, -103.6482



# Rectangle

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



151.3150, 12.6627, 45.3277



148.2160, -17.3615, 62.0776



129.9270, -6.3730, -56.0640



118.1900, 31.4583, -103.6526

# Sweetspot

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



151.3150, 12.6627, 45.3277



235.6630, 4.6031, 16.9585



136.9370, 32.5691, 7.0713



116.7500, 2.5883, 9.8663



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.



151.3150, 12.6627, 45.3277



177.1790, 19.1388, 68.2490



146.7550, -4.8092, 49.3269



95.7880, 1.5835, 5.4479



62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621



# Inverse Universe

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



151.3150, 12.6627, 45.3277



177.1790, 19.1388, 68.2490



176.2450, 4.8092, -49.3269



95.7880, 1.5835, 5.4479



62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621



# Previews

## White Background



This preview shows how the YUV color 151.3150, 12.6627, 45.3277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

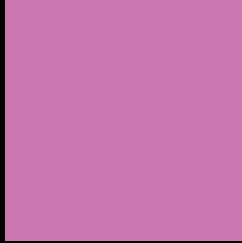
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 151.3150, 12.6627, 45.3277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

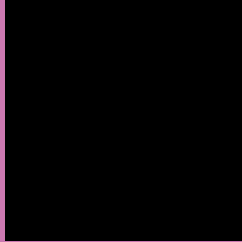
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 151.3150, 12.6627, 45.3277

## Background



This preview shows how black text looks on a background with the YUV color 151.3150, 12.6627, 45.3277.



This preview shows how white text looks on a background with the YUV color 151.3150, 12.6627,

45.3277.

# 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

151.3150, 12.6627, 45.3277

### Protanopia

147.9980, 23.1720, -12.2762

### Deuteranopia

149.1000, 11.7827, 0.7893



## Tritanopia

150.2550, -6.5347, 42.7494

# Trichromacy



## Original Color

151.3150, 12.6627, 45.3277

## Protanomaly

149.3920, 19.0337, 8.4262

## Deuteranomaly

149.6120, 12.0233, 17.0033

## Tritanomaly

150.5030, 0.7380, 43.4089

# Monochromacy



## Original Color

151.3150, 12.6627, 45.3277

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.2500, 4.3137, 16.4438

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.3150, 12.6627, 45.3277 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, 120, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 177)  
}
```

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, 120, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 177) }
```

## Border

The CSS property to change the border of an element to YUV 151.3150, 12.6627, 45.3277 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, 120, 177) }
```



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

```
.border{ border-color:rgb(203, 120, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 120, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 120, 177); box-shadow:4px 4px 4px 4px rgb(203, 120, 177) }
```

# Background

The CSS property to change the background color of an element to YUV 151.3150, 12.6627, 45.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 177) }
```

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

```
.background{ background-color: rgb(203,  
120, 177) }
```

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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