

# Converting Colors

YUV(123.4530, -6.6323,  
74.1477)

Have a look what the booklet for  
YUV(123.4530, -6.6323, 74.1477)  
contains.

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# Color

**YUV(123.4530, -6.6323,  
74.1477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0536E
RGB	208, 83, 110
RGB Percent	82%, 33%, 43%
CMY	0.1843, 0.6745, 0.5686
CMYK	0.00, 0.60, 0.47, 0.18
HSL	347°, 57%, 57%
HSV	347°, 60%, 82%
XYZ	31.9202, 20.7222, 17.0693
YIQ	123.4530, 65.8330, 34.8970

# Conversions

## Conversions Part 2

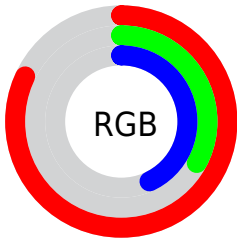
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 83, 110
Decimal	13652846
CIE Lab	52.64, 51.67, 10.51
CIE LCh	53, 52.725, 11.500
Yxy	20.7222, 0.4579, 0.2973
Android (android.graphics.Color)	4291842926 (0xFFD0536E)
YUV	123.4530, -6.6323, 74.1477
Hunter-Lab	45.5216, 45.5028, 9.6332

# Details

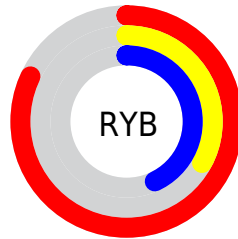
The YUV color **123.4530, -6.6323, 74.1477** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **167.5470, 6.6323, -74.1477**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0180, -6.9109, 70.1442**, and **65.8210, -1.3908, 72.9480** is the 20% darker color. If you saturate the color by 10%, you get **109.3020, -7.5439, 86.5581**, and if you desaturate by 10%, it is **137.6040, -5.7208, 61.7373**.

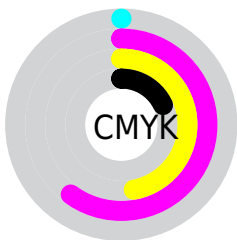
# Distribution



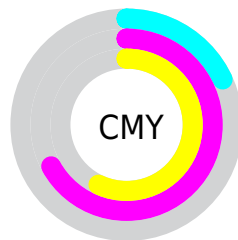
- Red (82%)
- Green (33%)
- Blue (43%)



- Red (82%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (18%)



- Cyan (18%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.4530, -6.6323, 74.1477 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 123.4530, -6.6323, 74.1477 by changing the saturation by 10% instead.





 123.4530, -6.6323,  
74.1477

 123.4530, -6.6323,  
74.1477


255.0000, 0.0000,  
0.0000

 95.3110, -4.5903,  
72.5183


 175.0180, -6.9109,  
70.1442


 65.8210, -1.3908,  
72.9480


 194.5320, -3.2203,  
53.0304

 40.5540, 0.2199,  
69.6741


 214.7470, 0.6177,  
35.3019

 29.6030, -4.2413,  
53.8452

 234.3750, 4.7451,  
18.0881

 19.5490, -9.1447,  
39.8605

 253.2390, 0.8682,  
1.5444

 10.2800, -4.5750,  
20.8024

 0.0000, 0.0000,

0.0000

■ 123.4530, -6.6323,  
74.1477

■ 123.4530, -6.6323,  
74.1477

■ 109.3020, -7.5439,  
86.5581

■ 137.6040, -5.7208,  
61.7373

■ 95.0370, -8.8922,  
99.0686

■ 151.8690, -4.3724,  
49.2269

■ 81.4730, -10.0932,  
110.9642

■ 165.4330, -3.1715,  
37.3313

■ 67.3220, -11.0047,  
123.3746

■ 179.5840, -2.2599,  
24.9208

■ 193.8490, -0.9116,  
12.4104

■ 208.0000, 0.0000,  
0.0000

■ 222.1510, 0.9116,  
-12.4104

■ 235.7150, 2.1125,  
-24.3061

■ 240.9470, 6.9281,  
-28.8945

# Harmonies

## Analogous

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



127.0330, 13.7877, 57.8531



123.4530, -6.6323, 74.1477



123.0180, -27.1239, 66.6362

# Triad

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



123.4530, -6.6323, 74.1477



113.0390, -29.5992, -26.3442



105.0600, 52.2284, -92.1376

# Complementary

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



123.4530, -6.6323, 74.1477



167.5470, 6.6323, -74.1477

# 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.



106.2050, 38.8459, -93.1418



123.4530, -6.6323, 74.1477



95.9450, -0.4659, -84.1438

# Square

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



123.4530, -6.6323, 74.1477



118.4540, -45.5798, 12.7568



102.4770, 19.4848, -89.8723



117.9180, 47.8614, -44.6551



# Rectangle

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



123.4530, -6.6323, 74.1477



122.5420, -38.7212, 53.0217



102.4770, 19.4848, -89.8723



106.1370, 48.7395, -93.0821

# Sweetspot

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



123.4530, -6.6323, 74.1477



223.8940, -2.4127, 27.2800



126.5520, 40.1539, 47.7509



108.4690, -1.2172, 17.1287



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.



123.4530, -6.6323, 74.1477



130.5760, -9.6510, 109.1198



140.9200, -28.5546, 58.8292



97.5170, -0.7479, 6.5626



54.3360, -9.0396, 99.6833



13.2850, -2.1125, 24.3061



# Inverse Universe

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



123.4530, -6.6323, 74.1477



130.5760, -9.6510, 109.1198



150.0800, 28.5546, -58.8292



97.5170, -0.7479, 6.5626



54.3360, -9.0396, 99.6833



13.2850, -2.1125, 24.3061



# Previews

## White Background



This preview shows how the YUV color 123.4530, -6.6323, 74.1477 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 123.4530, -6.6323, 74.1477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

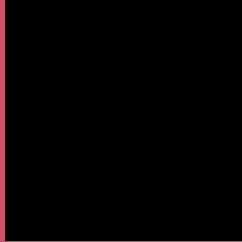
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.4530, -6.6323, 74.1477

## Background



This preview shows how black text looks on a background with the YUV color 123.4530, -6.6323, 74.1477.



This preview shows how white text looks on a background with the YUV color 123.4530, -6.6323,



# 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

123.4530, -6.6323, 74.1477

### Protanopia

126.2110, 3.3470, -0.1850

### Deuteranopia

126.5370, -11.1107, 17.0691



## Tritanopia

122.8630, -15.2155, 73.7881

# Trichromacy



## Original Color

123.4530, -6.6323, 74.1477

## Protanomaly

125.4640, -0.2288, 26.7801

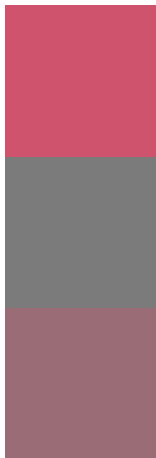
## Deuteranomaly

125.4240, -9.5760, 38.2162

## Tritanomaly

123.0740, -11.8685, 73.6031

# Monochromacy



## Original Color

123.4530, -6.6323, 74.1477

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8940, -2.4127, 27.2800

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.4530, -6.6323, 74.1477 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(208, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(208, 83, 110)  
}
```

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(208, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 83, 110) }
```

## Border

The CSS property to change the border of an element to YUV 123.4530, -6.6323, 74.1477 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(208, 83, 110) }
```



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

```
.border{ border-color:rgb(208, 83, 110) }
```

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

Here you see how a box with a 4 pixel rgb(208, 83, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(208, 83,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 123.4530, -6.6323, 74.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 83, 110) }
```

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

```
.background{ background-color: rgb(208, 83,  
110) }
```

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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