

# Converting Colors

YUV(153.6240, 34.2024,  
43.3028)

Have a look what the booklet for  
YUV(153.6240, 34.2024, 43.3028)  
contains.

<b>YUV(153.6240, 34.2024, 43.3028)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(153.6240, 34.2024,  
43.3028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB73DF
RGB	203, 115, 223
RGB Percent	80%, 45%, 87%
CMY	0.2039, 0.5490, 0.1255
CMYK	0.09, 0.48, 0.00, 0.13
HSL	289°, 63%, 66%
HSV	289°, 48%, 87%
XYZ	44.0786, 30.2857, 73.3346
YIQ	153.6240, 17.7800, 52.2440

# Conversions

## Conversions Part 2

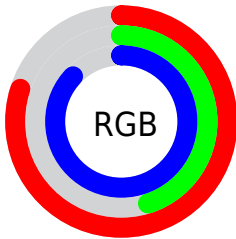
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 115, 223
Decimal	13333471
CIE Lab	61.90, 51.24, -41.00
CIE LCh	62, 65.629, 321.335
Yxy	30.2857, 0.2984, 0.2051
Android (android.graphics.Color)	4291523551 (0xFFFCB73DF)
YUV	153.6240, 34.2024, 43.3028
Hunter-Lab	55.0324, 46.6641, -40.4854

# Details

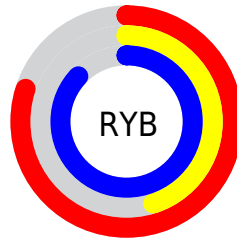
The YUV color **153.6240, 34.2024, 43.3028** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.3760, -34.2024, -43.3028**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **99.3850, 33.3342, 41.7584** is the 20% darker color. If you saturate the color by 10%, you get **139.5140, 41.1586, 52.1692**, and if you desaturate by 10%, it is **167.7340, 27.2461, 34.4363**.

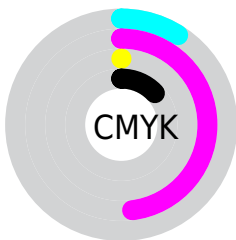
# Distribution



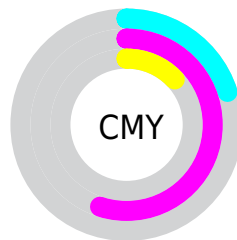
- Red (80%)
- Green (45%)
- Blue (87%)



- Red (80%)
- Yellow (45%)
- Blue (87%)



- Cyan (9%)
- Magenta (48%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (55%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.6240, 34.2024, 43.3028 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 153.6240, 34.2024, 43.3028 by changing the saturation by 10% instead.



153.6240, 34.2024,  
43.3028

153.6240, 34.2024,  
43.3028

255.0000, 0.0000,  
0.0000

126.7980, 33.6236,  
42.2732

204.5180, 24.8876,  
44.2727

99.3850, 33.3342,  
41.7584

221.5410, 16.4953,  
29.3435

72.2000, 33.9184,  
41.0436

237.9770, 8.3923,  
14.9292

40.9170, 36.5229,  
45.6768

29.9940, 29.5830,  
31.5773

20.3810, 22.4902,  
19.8369

6.6960, 17.8979,

-0.6104

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 153.6240, 34.2024,  
43.3028

■ 153.6240, 34.2024,  
43.3028

■ 139.5140, 41.1586,  
52.1692

■ 167.7340, 27.2461,  
34.4363

■ 124.8170, 48.4042,  
61.5505

■ 182.4310, 20.0005,  
25.0550

■ 110.7070, 55.3604,  
70.4170

■ 196.5410, 13.0443,  
16.1885

■ 96.2980, 62.4641,  
78.6687

■ 210.9500, 5.9407,  
7.9369

82.1880, 69.4203,  
87.5351

225.6470, -1.3050,  
-1.4444

79.8400, 70.5779,  
89.5943

239.7570, -8.2612,  
-10.3109

244.4750,  
-10.5872, -10.9406

245.6710,  
-11.1768, -8.4815

246.8670,  
-11.7664, -6.0224

# Harmonies

## Analogous

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



146.5210, 53.4801, -26.7669



153.6240, 34.2024, 43.3028



147.6990, 10.5014, 85.3330

# Triad

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



153.6240, 34.2024, 43.3028



141.6570, -63.4279, 44.1508



125.5590, 31.7694, -110.1152

# Complementary

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



153.6240, 34.2024, 43.3028



184.3760, -34.2024, -43.3028

# 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.



118.1320, 5.8509, -103.6018



153.6240, 34.2024, 43.3028



136.9890, -57.1826, 0.8866

# Square

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



153.6240, 34.2024, 43.3028



145.0720, -42.4335, 77.1129



126.2370, -26.7388, -57.2128



128.9110, 54.7669, -113.0549



# Rectangle

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



153.6240, 34.2024, 43.3028



144.7700, -7.2816, 95.7947



126.2370, -26.7388, -57.2128



123.3930, 23.4703, -108.2157

# Sweetspot

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



153.6240, 34.2024, 43.3028



230.6010, 12.0287, 15.2589



140.2260, 40.8076, -22.1232



113.0040, 7.3930, 8.7665



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.



153.6240, 34.2024, 43.3028



160.0510, 46.8099, 59.5913



155.9560, 17.2767, 58.7976



104.9450, 3.4781, 4.4332



62.8210, 55.7972, 70.3170



17.1330, 15.2174, 19.1774



# Inverse Universe

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



149.5720, -7.1840, 64.3964



154.3300, -10.0227, 88.2876



182.0440, -17.2767, -58.7976



104.5170, -0.7479, 6.5626



56.3860, -11.5293, 104.9015



15.3780, -3.1444, 28.6095



# Previews

## White Background



This preview shows how the YUV color 153.6240, 34.2024, 43.3028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

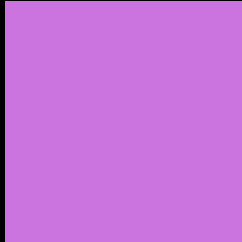
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.6240, 34.2024, 43.3028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

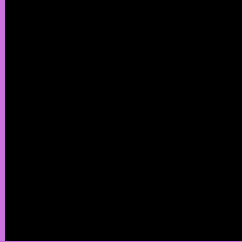
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.6240, 34.2024, 43.3028

## Background



This preview shows how black text looks on a background with the YUV color 153.6240, 34.2024, 43.3028.



This preview shows how white text looks on a background with the YUV color 153.6240, 34.2024,



# 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

153.6240, 34.2024, 43.3028

### Protanopia

146.8960, 51.3233, -34.9888

### Deuteranopia

148.9780, 33.5348, -22.7827



## Tritanopia

152.4820, -4.1816, 34.6573

# Trichromacy



## Original Color

153.6240, 34.2024, 43.3028



## Protanomaly

149.1770, 45.2687, -6.2942



## Deuteranomaly

150.8330, 33.6063, 1.0235



## Tritanomaly

152.8750, 9.9216, 37.8206

# Monochromacy



## Original Color

153.6240, 34.2024, 43.3028



## Achromatopsia

154.0000, 0.0000, 0.0000



## Achromatomaly

154.0140, 12.3181, 15.7737

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.6240, 34.2024, 43.3028 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, 115, 223)` looks like.

```
.text, #text, p{  
    color:rgb(203, 115, 223)  
}
```

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, 115, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 115, 223) }
```

## Border

The CSS property to change the border of an element to YUV 153.6240, 34.2024, 43.3028 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".

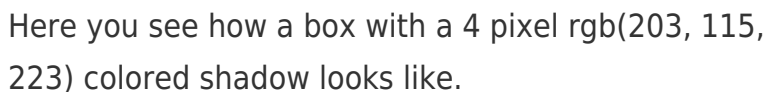
```
.border, #border, table{ border:4px solid rgb(203, 115, 223) }
```



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

```
.border{ border-color:rgb(203, 115, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 115, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 115, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 115, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 115,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 153.6240, 34.2024, 43.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 115, 223) }
```

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

```
.background{ background-color: rgb(203,  
115, 223) }
```

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