

# Converting Colors

YUV(144.6970, 43.5334,  
37.0997)

Have a look what the booklet for  
YUV(144.6970, 43.5334, 37.0997)  
contains.

<b>YUV(144.6970, 43.5334, 37.0997)</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(144.6970, 43.5334,  
37.0997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB6AE9
RGB	187, 106, 233
RGB Percent	73%, 42%, 91%
CMY	0.2667, 0.5843, 0.0863
CMYK	0.20, 0.55, 0.00, 0.09
HSL	278°, 74%, 66%
HSV	278°, 55%, 91%
XYZ	40.3555, 26.7561, 80.1283
YIQ	144.6970, 7.5090, 56.6690

# Conversions

## Conversions Part 2

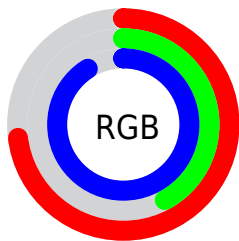
Format	Color
R <sub>Y</sub> B	187, 106, 233
Decimal	12282601
CIE Lab	58.75, 53.61, -51.69
CIE LCh	59, 74.473, 316.045
Yxy	26.7561, 0.2741, 0.1817
Android (android.graphics.Color)	4290472681 (0xFFBB6AE9)
YUV	144.6970, 43.5334, 37.0997
Hunter-Lab	51.7263, 48.7403, -55.6367

# Details

The YUV color **144.6970, 43.5334, 37.0997** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **194.3030, -43.5334, -37.0997**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5440, 28.8188, 43.3729**, and **90.4580, 42.6652, 35.5553** is the 20% darker color. If you saturate the color by 10%, you get **128.8040, 51.3686, 44.0219**, and if you desaturate by 10%, it is **160.5900, 35.6981, 30.1776**.

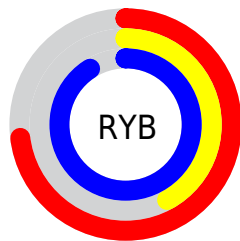
# Distribution



Red (73%)

Green (42%)

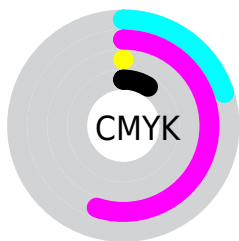
Blue (91%)



Red (73%)

Yellow (42%)

Blue (91%)

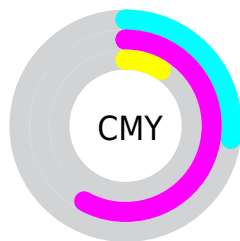


Cyan (20%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (58%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 144.6970, 43.5334, 37.0997 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 144.6970, 43.5334, 37.0997 by changing the saturation by 10% instead.



144.6970, 43.5334,  
37.0997

144.6970, 43.5334,  
37.0997

255.0000, 0.0000,  
0.0000

117.7570, 42.5178,  
36.1701

196.5440, 28.8188,  
43.3729

90.4580, 42.6652,  
35.5553

215.6710, 19.3892,  
34.4915

62.4580, 42.6652,  
35.5553

232.1070, 11.2862,  
20.0772

36.7460, 42.5232,  
34.4258

249.1300, 2.8939,  
5.1480

25.4100, 35.2939,  
19.8114

15.1990, 28.4959,  
6.8415

5.5860, 21.4031,

-4.8989

■ 3.6650, 11.5042,  
-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 144.6970, 43.5334,  
37.0997

■ 144.6970, 43.5334,  
37.0997

■ 128.8040, 51.3686,  
44.0219

■ 160.5900, 35.6981,  
30.1776

■ 112.0250, 59.6407,  
50.8441

■ 177.3690, 27.4261,  
23.3554

■ 96.1320, 67.4759,  
57.7662

■ 193.2620, 19.5908,  
16.4332

■ 79.9400, 75.4586,  
64.0736

■ 209.4540, 11.6082,  
10.1258

71.1130, 79.8103,  
68.3069

225.9340, 3.4835,  
2.6889

242.1260, -4.4991,  
-3.6185

249.8010, -8.2829,  
-3.3335

252.4920, -9.6096,  
2.1995

# Harmonies

## Analogous

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



125.0370, 64.0718, -64.0534



144.6970, 43.5334, 37.0997



135.7460, 19.3522, 93.1848

# Triad

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



144.6970, 43.5334, 37.0997



132.8540, -65.4970, 54.5020



120.4410, 27.3906, -105.6268

# Complementary

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



144.6970, 43.5334, 37.0997



194.3030, -43.5334, -37.0997

# 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.



111.4010, -2.1697, -97.6987



144.6970, 43.5334, 37.0997



128.4260, -63.3140, 7.5194

# Square

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



144.6970, 43.5334, 37.0997



133.1600, -42.4769, 91.0677



114.9740, -37.9482, -55.2282



125.4060, 54.0298, -109.9811



# Rectangle

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



144.6970, 43.5334, 37.0997



129.3340, 0.8213, 110.2091



114.9740, -37.9482, -55.2282



117.2320, 17.6336, -102.8125

# Sweetspot

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



144.6970, 43.5334, 37.0997



226.4480, 14.0761, 11.8851



148.0670, 41.8720, -36.8928



110.6340, 8.5614, 7.3370



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.



144.6970, 43.5334, 37.0997



139.6180, 56.8833, 48.5700



156.5130, 29.3271, 67.0791



109.3470, 3.7729, 3.2037



55.0190, 62.1086, 52.6033



16.3220, 18.5753, 15.5036



# Inverse Universe

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



149.2170, 1.3720, 73.4777



145.4740, 1.7383, 96.0543



182.4870, -29.3271, -67.0791



109.7450, 0.1257, 6.3626



61.6430, 2.1480, 104.6761



18.3120, 0.3392, 31.2984



# Previews

## White Background



This preview shows how the YUV color 144.6970, 43.5334, 37.0997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

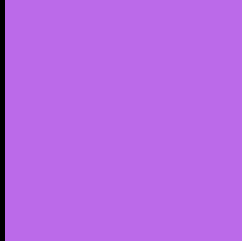
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 144.6970, 43.5334, 37.0997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

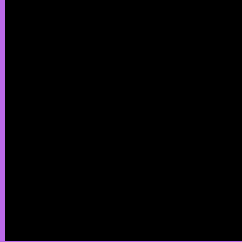
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.6970, 43.5334, 37.0997

## Background



This preview shows how black text looks on a background with the YUV color 144.6970, 43.5334, 37.0997.



This preview shows how white text looks on a background with the YUV color 144.6970, 43.5334, 37.0997.



# 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

144.6970, 43.5334, 37.0997

### Protanopia

135.1920, 59.0653, -44.8954

### Deuteranopia

136.9250, 43.9140, -38.5222



## Tritanopia

143.6980, -1.8231, 24.8209

# Trichromacy



## Original Color

144.6970, 43.5334, 37.0997



## Protanomaly

138.2990, 53.5896, -15.1712



## Deuteranomaly

139.8020, 43.9746, -11.2274



## Tritanomaly

143.7860, 14.8955, 29.1287

# Monochromacy



## Original Color

144.6970, 43.5334, 37.0997



## Achromatopsia

145.0000, 0.0000, 0.0000



## Achromatomaly

144.9150, 15.8179, 13.2295

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.6970, 43.5334, 37.0997 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(187, 106, 233)` looks like.

```
.text, #text, p{  
    color:rgb(187, 106, 233)  
}
```

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(187, 106, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 106, 233) }
```

## Border

The CSS property to change the border of an element to YUV 144.6970, 43.5334, 37.0997 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(187, 106, 233) }
```



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

```
.border{ border-color:rgb(187, 106, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 106, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 106, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 106, 233); box-shadow:4px 4px 4px 4px rgb(187, 106, 233) }
```

# Background

The CSS property to change the background color of an element to YUV 144.6970, 43.5334, 37.0997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 106, 233) }
```

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

```
.background{ background-color: rgb(187,  
106, 233) }
```

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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