

# Converting Colors

YUV(168.0330, 34.0007,  
61.3611)

Have a look what the booklet for  
YUV(168.0330, 34.0007, 61.3611)  
contains.

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# Color

**YUV(168.0330, 34.0007,  
61.3611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE77ED
RGB	238, 119, 237
RGB Percent	93%, 47%, 93%
CMY	0.0667, 0.5333, 0.0706
CMYK	0.00, 0.50, 0.00, 0.07
HSL	301°, 78%, 70%
HSV	301°, 50%, 93%
XYZ	57.1428, 37.4852, 84.3444
YIQ	168.0330, 33.0460, 61.9260

# Conversions

## Conversions Part 2

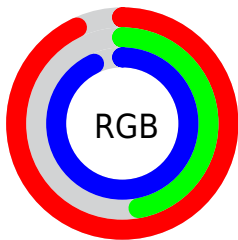
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	238, 119, 237
Decimal	15628269
CIE <sub>Lab</sub>	67.64, 61.48, -39.47
CIE <sub>LCh</sub>	68, 73.065, 327.298
Yxy	37.4852, 0.3193, 0.2094
Android (android.graphics.Color)	4293818349 (0xFFEE77ED)
YUV	168.0330, 34.0007, 61.3611
Hunter-Lab	61.2252, 59.4539, -38.8208

# Details

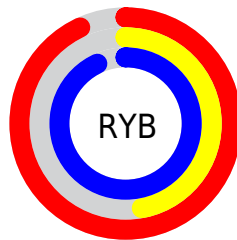
The YUV color **168.0330, 34.0007, 61.3611** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **188.9670, -34.0007, -61.3611**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0400, 23.1513, 41.1839**, and **111.4350, 34.2955, 60.1315** is the 20% darker color. If you saturate the color by 10%, you get **153.9450, 40.9461, 73.7162**, and if you desaturate by 10%, it is **182.1210, 27.0553, 49.0059**.

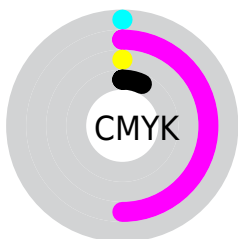
# Distribution



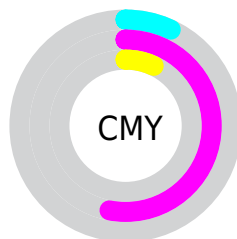
- Red (93%)
- Green (47%)
- Blue (93%)



- Red (93%)
- Yellow (47%)
- Blue (93%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 168.0330, 34.0007, 61.3611 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 168.0330, 34.0007, 61.3611 by changing the saturation by 10% instead.



168.0330, 34.0007,  
61.3611

168.0330, 34.0007,  
61.3611

255.0000, 0.0000,  
0.0000

139.6200, 33.7113,  
60.8463

208.0400, 23.1513,  
41.1839

111.4350, 34.2955,  
60.1315

225.0630, 14.7589,  
26.2547

80.9020, 36.0373,  
61.4759

242.0860, 6.3666,  
11.3256

51.2550, 37.3423,  
62.9204

40.3320, 30.4023,  
48.8208

29.4090, 23.4624,  
34.7213

19.6110, 16.9538,

22.2662

■ 3.5340, 13.5407,  
-3.0993

■ 0.2280, 0.8736,  
-0.2000

■ 168.0330, 34.0007,  
61.3611

■ 168.0330, 34.0007,  
61.3611

■ 153.9450, 40.9461,  
73.7162

■ 182.1210, 27.0553,  
49.0059

■ 139.8570, 47.8915,  
86.0714

■ 196.2090, 20.1100,  
36.6507

■ 126.2420, 54.1107,  
98.0118

■ 209.8240, 13.8908,  
24.7104

■ 112.1540, 61.0561,  
110.3669

■ 223.9120, 6.9454,  
12.3552

98.0660, 68.0015,  
122.7221

238.0000, 0.0000,  
0.0000

247.9790, -4.9196,  
-8.7516

248.0930, -4.4828,  
-8.8516

# Harmonies

## Analogous

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



162.2690, 45.7164, -9.8829



168.0330, 34.0007, 61.3611



153.6070, 10.0537, 88.9217

# Triad

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



168.0330, 34.0007, 61.3611



154.0190, -75.9314, 41.2023



140.0010, 41.4115, -122.7809

# Complementary

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



168.0330, 34.0007, 61.3611



188.9670, -34.0007, -61.3611

# 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.



132.3630, 12.1460, -116.0824



168.0330, 34.0007, 61.3611



148.8860, -61.0758, -10.4240

# Square

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



168.0330, 34.0007, 61.3611



158.8200, -53.6483, 80.8419



126.1610, -18.3204, -97.4882



140.0130, 56.6886, -122.7914



# Rectangle

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



168.0330, 34.0007, 61.3611



149.7650, -9.7441, 92.2911



126.1610, -18.3204, -97.4882



137.4930, 31.8020, -120.5814

# Sweetspot

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



168.0330, 34.0007, 61.3611



232.6940, 10.9969, 19.5624



132.5660, 51.9790, -11.8974



114.3850, 6.2192, 11.9404



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.



168.0330, 34.0007, 61.3611



165.0750, 43.8400, 78.8642



161.4210, 8.6664, 67.1598



112.9560, 3.4727, 6.1776



75.7640, 52.3743, 94.9230



23.1280, 16.2059, 28.8287



# Inverse Universe

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



168.0330, 34.0007, 61.3611



165.0750, 43.8400, 78.8642



195.6930, -8.2296, -67.2598



112.9560, 3.4727, 6.1776



75.7640, 52.3743, 94.9230



23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 168.0330, 34.0007, 61.3611 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

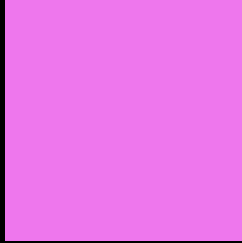
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.0330, 34.0007, 61.3611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

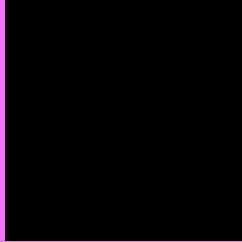
Any Text WCAG AA ✓ Pass

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 168.0330, 34.0007, 61.3611 Background



This preview shows how black text looks on a background with the YUV color 168.0330, 34.0007, 61.3611.



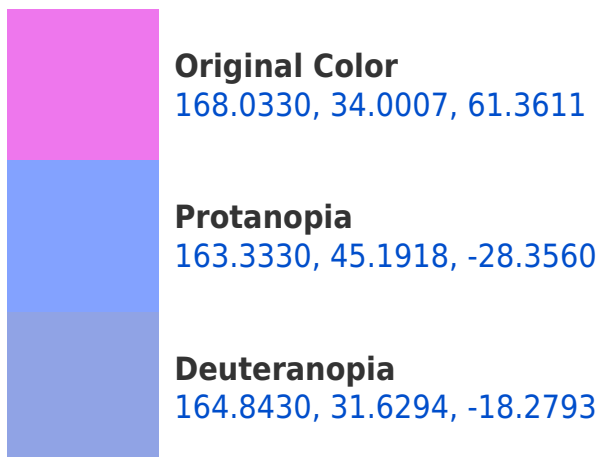
This preview shows how white text looks on a background with the YUV color 168.0330, 34.0007,

61.3611.

# 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





## Tritanopia

167.1530, -8.4564, 52.4858

# Trichromacy



## Original Color

168.0330, 34.0007, 61.3611



## Protanomaly

164.8040, 41.0156, 4.5569



## Deuteranomaly

165.9590, 32.5582, 10.5600



## Tritanomaly

167.3010, 7.2466, 55.8640

# Monochromacy



## Original Color

168.0330, 34.0007, 61.3611



## Achromatopsia

168.0000, 0.0000, 0.0000



## Achromatomaly

167.7590, 12.4438, 22.1364

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.0330, 34.0007, 61.3611 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(238, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 237)  
}
```

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(238, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 237) }
```

## Border

The CSS property to change the border of an element to YUV 168.0330, 34.0007, 61.3611 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(238, 119, 237) }
```



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

```
.border{ border-color:rgb(238, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 168.0330, 34.0007, 61.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 237) }
```

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

```
.background{ background-color: rgb(238,  
119, 237) }
```

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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