

Converting Colors

YUV(119.4090, 33.8154,
74.1863)

Have a look what the booklet for
YUV(119.4090, 33.8154, 74.1863)
contains.

YUV(119.4090, 33.8154, 74.1863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.4090, 33.8154,
74.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3FBC
RGB	204, 63, 188
RGB Percent	80%, 25%, 74%
CMY	0.2000, 0.7529, 0.2627
CMYK	0.00, 0.69, 0.08, 0.20
HSL	307°, 58%, 52%
HSV	307°, 69%, 80%
XYZ	35.7564, 20.0232, 49.5572
YIQ	119.4090, 43.9110, 68.7670

Conversions

Conversions Part 2

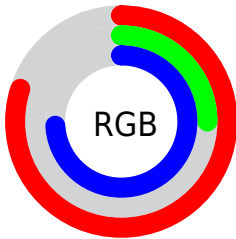
Format	Color
R_{YB}	204, 63, 188
Decimal	13385660
CIE _{Lab}	51.86, 68.43, -36.84
CIE _{LCh}	52, 77.716, 331.706
Yxy	20.0232, 0.3394, 0.1901
Android (android.graphics.Color)	4291575740 (0xFFCC3FBC)
YUV	119.4090, 33.8154, 74.1863
Hunter-Lab	44.7473, 64.3270, -34.3400

Details

The YUV color **119.4090, 33.8154, 74.1863** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **147.5910, -33.8154, -74.1863**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7890, 34.1210, 69.4680**, and **58.9300, 37.0095, 76.3604** is the 20% darker color. If you saturate the color by 10%, you get **107.4410, 38.7296, 84.6822**, and if you desaturate by 10%, it is **131.3770, 28.9011, 63.6904**.

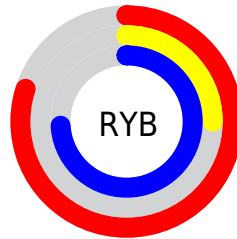
Distribution



Red (80%)

Green (25%)

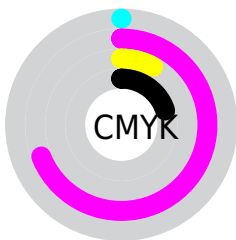
Blue (74%)



Red (80%)

Yellow (25%)

Blue (74%)

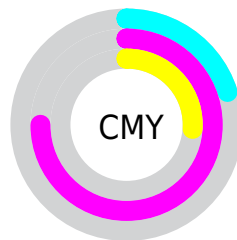


Cyan (0%)

Magenta (69%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4090, 33.8154, 74.1863 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 119.4090, 33.8154, 74.1863 by changing the saturation by 10% instead.

■ 119.4090, 33.8154,
74.1863

■ 119.4090, 33.8154,
74.1863

■ 255.0000, 0.0000,
0.0000

■ 86.5280, 36.7147,
77.5899

■ 175.7890, 34.1210,
69.4680

■ 58.9300, 37.0095,
76.3604

■ 193.9520, 30.0967,
53.5391

■ 47.5940, 29.7802,
61.7461

■ 210.3880, 21.9937,
39.1247

■ 36.4860, 23.4244,
46.9318

■ 227.9980, 13.3120,
23.6808

■ 25.9760, 16.7738,
33.3470

■ 245.0210, 4.9196,
8.7516

■ 14.9820, 10.8549,
18.4328

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 119.4090, 33.8154,
74.1863

■ 119.4090, 33.8154,
74.1863

■ 107.4410, 38.7296,
84.6822

■ 131.3770, 28.9011,
63.6904

■ 94.7720, 43.4964,
95.7930

■ 144.0460, 24.1343,
52.5797

■ 82.8040, 48.4106,
106.2889

■ 156.0140, 19.2201,
42.0837

■ 81.6300, 48.9894,
107.3185

■ 168.5690, 14.0165,
31.0730

■ 180.6510, 9.5391,
20.4771

■ 192.6190, 4.6248,
9.9811

■ 205.1740, -0.5788,
-1.0296

■ 217.2560, -5.0562,
-11.6255

■ 229.8110,
-10.2598, -22.6362

Harmonies

Analogous

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



124.0600, 56.1724, -3.5606



119.4090, 33.8154, 74.1863



99.8480, 11.4139, 119.4053

Triad

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



119.4090, 33.8154, 74.1863



115.5670, -56.9745, 27.5667



111.1120, 39.8778, -97.4452

Complementary

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



119.4090, 33.8154, 74.1863



147.5910, -33.8154, -74.1863

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.



103.5880, 11.0491, -90.8467



119.4090, 33.8154, 74.1863



104.9150, -51.7231, -23.6045

Square

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



119.4090, 33.8154, 74.1863



114.3800, -56.3893, 73.3347



93.1460, -18.8060, -81.6890



113.1760, 63.0172, -99.2554

Rectangle

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



119.4090, 33.8154, 74.1863



103.6370, -12.1460, 116.0824



93.1460, -18.8060, -81.6890



108.7180, 30.7050, -95.3457

Sweetspot

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



119.4090, 33.8154, 74.1863



222.6180, 13.0063, 28.3990



83.2600, 59.5248, -5.4900



108.7600, 7.5133, 16.8735



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.



119.4090, 33.8154, 74.1863



127.8200, 50.8677, 111.5369



111.5430, 3.6763, 81.0848



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Inverse Universe

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



119.4090, 33.8154, 74.1863



127.8200, 50.8677, 111.5369



155.4570, -3.6763, -81.0848



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 119.4090, 33.8154, 74.1863 looks on a white background.

Color Contrast Check

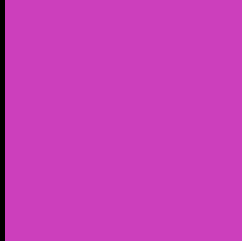
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4090, 33.8154, 74.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

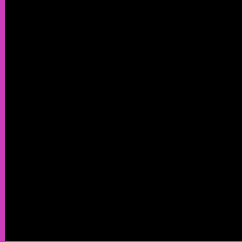
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4090, 33.8154, 74.1863

Background



This preview shows how black text looks on a background with the YUV color 119.4090, 33.8154, 74.1863.



This preview shows how white text looks on a background with the YUV color 119.4090, 33.8154, 74.1863.

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

119.4090, 33.8154, 74.1863

Protanopia

114.4300, 61.4130, -51.2431

Deuteranopia

123.4040, 27.4088, -17.8943



Tritanopia

122.8940, -12.2727, 63.2370

Trichromacy



Original Color

119.4090, 33.8154, 74.1863



Protanomaly

116.0830, 51.2311, -5.3348



Deuteranomaly

121.8950, 29.6318, 15.8781



Tritanomaly

121.6830, 4.5933, 66.9300

Monochromacy



Original Color

119.4090, 33.8154, 74.1863



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.3790, 12.1382, 26.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4090, 33.8154, 74.1863 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(204, 63, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 63, 188)  
}
```

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(204, 63, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 63, 188) }
```

Border

The CSS property to change the border of an element to YUV 119.4090, 33.8154, 74.1863 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(204, 63, 188) }
```


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

```
.border{ border-color:rgb(204, 63, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 63, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 63, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 63, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 63,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 119.4090, 33.8154, 74.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 63, 188) }
```

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

```
.background{ background-color: rgb(204, 63,  
188) }
```

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