

Converting Colors

YUV(184.3840, 34.8137,
33.8662)

Have a look what the booklet for
YUV(184.3840, 34.8137, 33.8662)
contains.

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Color

**YUV(184.3840, 34.8137,
33.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	DF97FF
RGB	223, 151, 255
RGB Percent	87%, 59%, 100%
CMY	0.1255, 0.4078, 0.0000
CMYK	0.13, 0.41, 0.00, 0.00
HSL	282°, 100%, 80%
HSV	282°, 41%, 100%
XYZ	59.5480, 45.0412, 100.1630
YIQ	184.3840, 9.5280, 47.6080

Conversions

Conversions Part 2

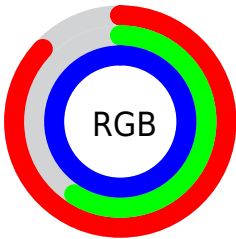
Format	Color
R _Y B	223, 151, 255
Decimal	14653439
CIE Lab	72.92, 44.57, -41.20
CIE LCh	73, 60.695, 317.246
Yxy	45.0412, 0.2908, 0.2200
Android (android.graphics.Color)	4292843519 (0xFFDF97FF)
YUV	184.3840, 34.8137, 33.8662
Hunter-Lab	67.1127, 40.9328, -41.5090

Details

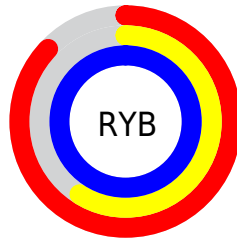
The YUV color **184.3840, 34.8137, 33.8662** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.6160, -34.8137, -33.8662**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 14.1802, 25.2252**, and **129.7320, 33.6561, 31.8070** is the 20% darker color. If you saturate the color by 10%, you get **167.3170, 43.2277, 41.8180**, and if you desaturate by 10%, it is **202.0380, 26.1103, 25.3997**.

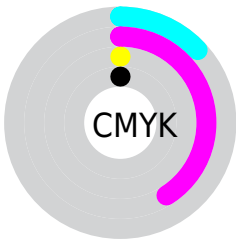
Distribution



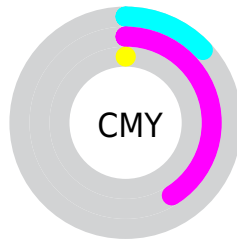
- Red (87%)
- Green (59%)
- Blue (100%)



- Red (87%)
- Yellow (59%)
- Blue (100%)



- Cyan (13%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 184.3840, 34.8137, 33.8662 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 184.3840, 34.8137, 33.8662 by changing the saturation by 10% instead.


 184.3840, 34.8137,
33.8662

 184.3840, 34.8137,
33.8662


255.0000, 0.0000,
0.0000


 156.5580, 34.2349,
32.8366


 226.2370, 14.1802,
25.2252


 129.7320, 33.6561,
31.8070

 243.2600, 5.7878,
10.2960

 103.7920, 32.6405,
30.8774

 77.9660, 32.0618,
29.8478

 51.0800, 32.4986,
29.7478

 28.1290, 31.4884,
27.0739

 18.2170, 24.5430,

14.7187

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 184.3840, 34.8137,
33.8662

■ 184.3840, 34.8137,
33.8662

■ 167.3170, 43.2277,
41.8180

■ 202.0380, 26.1103,
25.3997

■ 149.6630, 51.9311,
50.2845

■ 219.1050, 17.6962,
17.4479

■ 132.5960, 60.3452,
58.2363

■ 236.7590, 8.9928,
8.9814

■ 115.2410, 68.9012,
67.3176

■ 253.5270, 0.7262,
0.4148

■ 98.1740, 77.3152, 255.0000, 0.0000,
75.2694 0.0000

■ 81.9930, 85.2925,
83.3211

Harmonies

Analogous

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



172.7690, 40.5399, -29.6154



184.3840, 34.8137, 33.8662



177.6860, 13.4658, 67.8044

Triad

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



184.3840, 34.8137, 33.8662



174.9100, -53.6926, 48.3139



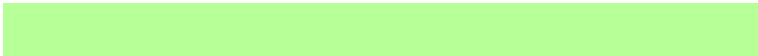
144.8620, 32.1130, -127.0440

Complementary

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



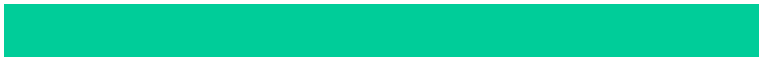
184.3840, 34.8137, 33.8662



221.6160, -34.8137, -33.8662

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.



137.7770, 7.5049, -120.8304



184.3840, 34.8137, 33.8662



170.1130, -51.8207, 7.7939

Square

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



184.3840, 34.8137, 33.8662



173.2330, -36.5969, 71.7097



161.7120, -30.4240, -41.8434



147.6440, 52.9265, -129.4838

Rectangle

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



184.3840, 34.8137, 33.8662



171.1200, -1.5382, 73.5628



161.7120, -30.4240, -41.8434



142.6960, 23.8139, -125.1444

Sweetspot

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



184.3840, 34.8137, 33.8662



234.1120, 10.2978, 10.4258



182.2270, 35.8771, -27.3861



115.6400, 6.0935, 5.5777



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.



184.3840, 34.8137, 33.8662



170.2630, 41.7753, 40.9883



191.7860, 21.7975, 55.4387



119.1730, 4.3517, 4.2333



61.2420, 63.9707, 62.0548



20.4520, 21.4692, 20.6516

Inverse Universe

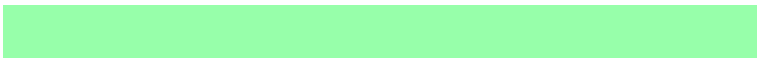
The Inverse Universe completely reimagines the original color for something new.



185.7440, -1.3528, 60.7375



171.7070, -1.8276, 73.0480



214.2140, -21.7975, -55.4387



119.3430, -0.1691, 7.5922



63.8350, -2.3837, 111.5237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 184.3840, 34.8137, 33.8662 looks on a white background.

Color Contrast Check

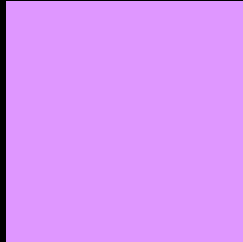
Large Text (above 18pt) WCAG AA × Fail

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 184.3840, 34.8137, 33.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

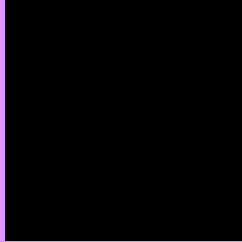
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.3840, 34.8137, 33.8662

Background



This preview shows how black text looks on a background with the YUV color 184.3840, 34.8137, 33.8662.



This preview shows how white text looks on a background with the YUV color 184.3840, 34.8137, 33.8662.

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

184.3840, 34.8137, 33.8662

Protanopia

179.0150, 37.4606, -21.9382

Deuteranopia

178.7440, 35.1292, -20.8235



Tritanopia

181.9370, -0.9549, 26.3653

Trichromacy



Original Color

184.3840, 34.8137, 33.8662



Protanomaly

181.2070, 36.3799, -1.9355



Deuteranomaly

181.1640, 34.9221, -1.0208

Tritanomaly

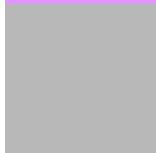
182.6890, 11.9853, 29.2137

Monochromacy



Original Color

184.3840, 34.8137, 33.8662



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1060, 12.7657, 12.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.3840, 34.8137, 33.8662 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(223, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 151, 255)  
}
```

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(223, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 151, 255) }
```

Border

The CSS property to change the border of an element to YUV 184.3840, 34.8137, 33.8662 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(223, 151, 255) }
```


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

```
.border{ border-color:rgb(223, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 151,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 184.3840, 34.8137, 33.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 151, 255) }
```

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

```
.background{ background-color: rgb(223,  
151, 255) }
```

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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