

Converting Colors

YUV(187.3630, 33.3450,
38.2696)

Have a look what the booklet for
YUV(187.3630, 33.3450, 38.2696)
contains.

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Color

**YUV(187.3630, 33.3450,
38.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	E798FF
RGB	231, 152, 255
RGB Percent	91%, 60%, 100%
CMY	0.0941, 0.4039, 0.0000
CMYK	0.09, 0.40, 0.00, 0.00
HSL	286°, 100%, 80%
HSV	286°, 40%, 100%
XYZ	62.2332, 46.6654, 100.3350
YIQ	187.3630, 14.0210, 48.7810

Conversions

Conversions Part 2

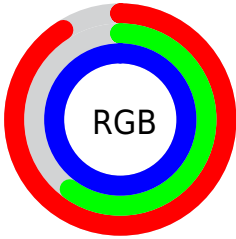
Format	Color
RYB	231, 152, 255
Decimal	15177983
CIELab	73.98, 46.35, -39.49
CIELCh	74, 60.894, 319.567
Yxy	46.6654, 0.2974, 0.2230
Android (android.graphics.Color)	4293368063 (0xFFE798FF)
YUV	187.3630, 33.3450, 38.2696
Hunter-Lab	68.3121, 43.0698, -39.2652

Details

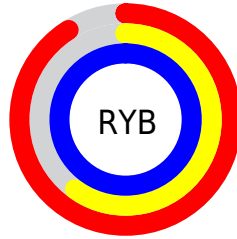
The YUV color **187.3630, 33.3450, 38.2696** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **219.6370, -33.3450, -38.2696**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **132.7110, 32.1875, 36.2105** is the 20% darker color. If you saturate the color by 10%, you get **170.8940, 41.4643, 47.4510**, and if you desaturate by 10%, it is **204.4190, 24.9364, 28.5735**.

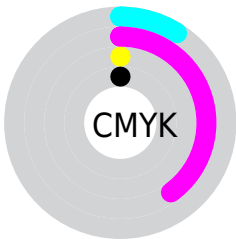
Distribution



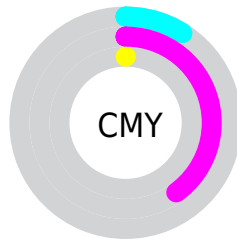
- Red (91%)
- Green (60%)
- Blue (100%)



- Red (91%)
- Yellow (60%)
- Blue (100%)



- Cyan (9%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.3630, 33.3450, 38.2696 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 187.3630, 33.3450, 38.2696 by changing the saturation by 10% instead.


 187.3630, 33.3450,
38.2696

 187.3630, 33.3450,
38.2696


255.0000, 0.0000,
0.0000


 159.5370, 32.7663,
37.2401


 227.4110, 13.6014,
24.1956


 132.7110, 32.1875,
36.2105

 243.8470, 5.4984,
9.7812

 105.8850, 31.6087,
35.1809

 80.0590, 31.0299,
34.1513

 52.5860, 31.7561,
34.5661

 30.5210, 30.3091,
31.9921

 20.3100, 23.5112,

19.0221

■ 8.7180, 17.8870,
2.8783

■ 3.2090, 9.7570,
-2.8143

■ 187.3630, 33.3450,
38.2696

■ 187.3630, 33.3450,
38.2696

■ 170.8940, 41.4643,
47.4510

■ 204.4190, 24.9364,
28.5735

■ 153.8380, 49.8729,
57.1471

■ 220.8880, 16.8172,
19.3922

■ 137.3690, 57.9921,
66.3284

■ 237.9440, 8.4086,
9.6961

■ 120.3130, 66.4007,
76.0245

■ 254.4130, 0.2894,
0.5148

■ 103.2570, 74.8093, 255.0000, 0.0000,
85.7206 0.0000

■ 87.6740, 82.4917,
95.0019

Harmonies

Analogous

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



176.9440, 38.4816, -22.7529



187.3630, 33.3450, 38.2696



178.1590, 12.7396, 67.3896

Triad

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



187.3630, 33.3450, 38.2696



177.3720, -54.4134, 46.1548



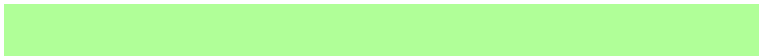
147.5350, 34.7392, -129.3882

Complementary

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



187.3630, 33.3450, 38.2696



219.6370, -33.3450, -38.2696

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.



140.3360, 9.6944, -123.0747



187.3630, 33.3450, 38.2696



172.3190, -50.9363, 4.1052

Square

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



187.3630, 33.3450, 38.2696



176.0540, -38.4806, 69.2356



163.8470, -28.5186, -46.3468



149.4050, 52.0583, -131.0282

Rectangle

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



187.3630, 33.3450, 38.2696



172.6530, -3.2799, 72.2183



163.8470, -28.5186, -46.3468



145.9560, 26.1507, -128.0034

Sweetspot

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



187.3630, 33.3450, 38.2696



234.7100, 10.0030, 11.6553



177.8300, 38.0448, -22.6529



115.9390, 5.9461, 6.1925



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.



187.3630, 33.3450, 38.2696



174.7150, 39.5805, 44.9769



191.4610, 18.0137, 55.7237



119.4720, 4.2043, 4.8481



65.7270, 61.7596, 71.2764



21.9470, 20.7321, 23.7255

Inverse Universe

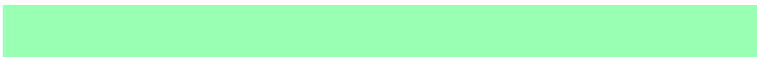
The Inverse Universe completely reimagines the original color for something new.



185.5330, -4.6998, 60.9226



172.6700, -5.7533, 72.2034



215.5390, -18.0137, -55.7237



119.2290, -0.6059, 7.6922



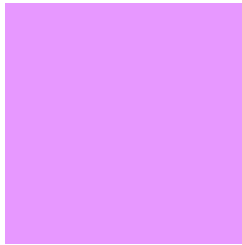
62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 187.3630, 33.3450, 38.2696 looks on a white background.

Color Contrast Check

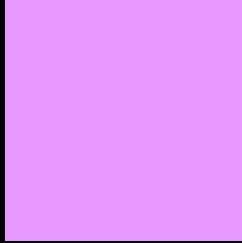
Large Text (above 18pt) WCAG AA × Fail

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 187.3630, 33.3450, 38.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

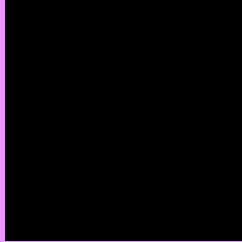
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3630, 33.3450, 38.2696

Background



This preview shows how black text looks on a background with the YUV color 187.3630, 33.3450, 38.2696.



This preview shows how white text looks on a background with the YUV color 187.3630, 33.3450,

38.2696.

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

187.3630, 33.3450, 38.2696

Protanopia

181.9720, 36.0028, -21.0234

Deuteranopia

182.2990, 33.3766, -18.6792



Tritanopia

185.0300, -1.9868, 30.6687

Trichromacy



Original Color

187.3630, 33.3450, 38.2696



Protanomaly

184.1750, 34.9167, 0.7235



Deuteranomaly

184.1320, 33.4589, 1.6382

Tritanomaly

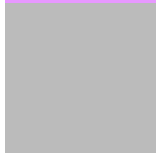
185.7820, 10.9535, 33.5172

Monochromacy



Original Color

187.3630, 33.3450, 38.2696



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0030, 12.3235, 14.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3630, 33.3450, 38.2696 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(231, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 152, 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(231, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 152, 255) }
```

Border

The CSS property to change the border of an element to YUV 187.3630, 33.3450, 38.2696 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(231, 152, 255) }
```


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

```
.border{ border-color:rgb(231, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 187.3630, 33.3450, 38.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 152, 255) }
```

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

```
.background{ background-color: rgb(231,  
152, 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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