

Converting Colors

YUV(178.8240, 37.5548,
41.3734)

Have a look what the booklet for
YUV(178.8240, 37.5548, 41.3734)
contains.

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Color

**YUV(178.8240, 37.5548,
41.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	E28CFF
RGB	226, 140, 255
RGB Percent	89%, 55%, 100%
CMY	0.1137, 0.4510, 0.0000
CMYK	0.11, 0.45, 0.00, 0.00
HSL	285°, 100%, 77%
HSV	285°, 45%, 100%
XYZ	58.7921, 42.1449, 99.6438
YIQ	178.8240, 14.3410, 53.9970

Conversions

Conversions Part 2

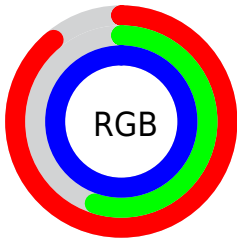
Format	Color
R _Y B	226, 140, 255
Decimal	14847231
CIE Lab	70.97, 51.15, -44.23
CIE LCh	71, 67.616, 319.151
Yxy	42.1449, 0.2931, 0.2101
Android (android.graphics.Color)	4293037311 (0xFFE28CFF)
YUV	178.8240, 37.5548, 41.3734
Hunter-Lab	64.9191, 48.0449, -45.5604

Details

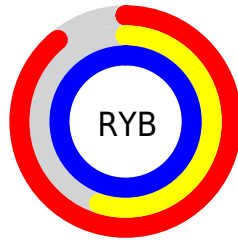
The YUV color **178.8240, 37.5548, 41.3734** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **216.1760, -37.5548, -41.3734**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **124.1720, 36.3972, 39.3142** is the 20% darker color. If you saturate the color by 10%, you get **162.3550, 45.6740, 50.5547**, and if you desaturate by 10%, it is **195.8800, 29.1462, 31.6772**.

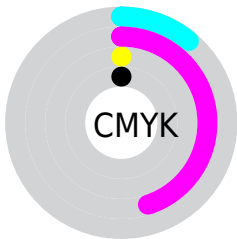
Distribution



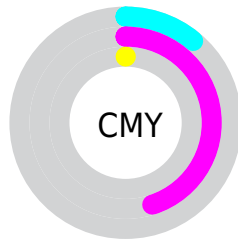
- Red (89%)
- Green (55%)
- Blue (100%)



- Red (89%)
- Yellow (55%)
- Blue (100%)



- Cyan (11%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.8240, 37.5548, 41.3734 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 178.8240, 37.5548, 41.3734 by changing the saturation by 10% instead.


 178.8240, 37.5548,
41.3734

 178.8240, 37.5548,
41.3734


255.0000, 0.0000,
0.0000


 150.9980, 36.9760,
40.3438


 219.7800, 17.3635,
30.8879


 124.1720, 36.3972,
39.3142


 236.8030, 8.9711,
15.9588

 97.3460, 35.8184,
38.2846

 253.8260, 0.5788,
1.0296

 69.4600, 36.2552,
38.1846

 39.3510, 38.2810,
41.7882

 28.4280, 31.3410,
27.6886

 18.8150, 24.2482,

15.9482

■ 5.1300, 19.6559,
-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 178.8240, 37.5548,
41.3734

■ 178.8240, 37.5548,
41.3734

■ 162.3550, 45.6740,
50.5547

■ 195.8800, 29.1462,
31.6772

■ 145.0000, 54.2300,
59.6360

■ 212.6480, 20.8795,
23.1107

■ 128.5310, 62.3492,
68.8173

■ 229.7040, 12.4709,
13.4146

■ 111.1760, 70.9052,
77.8986

■ 246.4720, 4.2043,
4.8481

■ 94.7070, 79.0244, 255.0000, 0.0000,
87.0800 0.0000

■ 86.1790, 83.2288,
91.9280

Harmonies

Analogous

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



166.5670, 43.5975, -30.3153



178.8240, 37.5548, 41.3734



168.1970, 15.1859, 76.1262

Triad

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



178.8240, 37.5548, 41.3734



167.3310, -62.2812, 49.6987



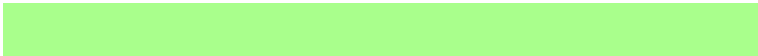
143.3290, 33.8548, -125.6995

Complementary

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



178.8240, 37.5548, 41.3734



216.1760, -37.5548, -41.3734

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.



135.4460, 6.1891, -118.7861



178.8240, 37.5548, 41.3734



162.5550, -58.9406, 4.7753

Square

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



178.8240, 37.5548, 41.3734



166.5990, -41.7073, 77.5277



152.0050, -31.5545, -52.6244



145.8830, 53.7947, -127.9394

Rectangle

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



178.8240, 37.5548, 41.3734



161.6480, -2.2915, 81.8697



152.0050, -31.5545, -52.6244



140.9350, 24.6820, -123.6000

Sweetspot

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



178.8240, 37.5548, 41.3734



231.1770, 11.7447, 12.9998



171.3070, 41.2606, -27.4562



113.2920, 7.2510, 7.6369



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.



178.8240, 37.5548, 41.3734



163.5290, 45.0952, 49.5251



184.4170, 21.4864, 61.9013



119.1730, 4.3517, 4.2333



64.5310, 62.3492, 68.8173



21.6480, 20.8795, 23.1107

Inverse Universe

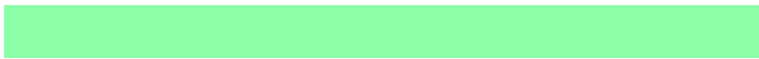
The Inverse Universe completely reimagines the original color for something new.



177.6910, -4.2847, 67.8000



162.2520, -5.0542, 81.3400



210.5830, -21.4864, -61.9013



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 178.8240, 37.5548, 41.3734 looks on a white background.

Color Contrast Check

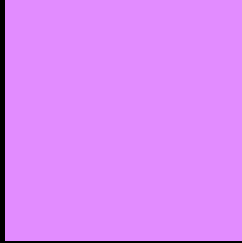
Large Text (above 18pt) WCAG AA × Fail

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 178.8240, 37.5548, 41.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

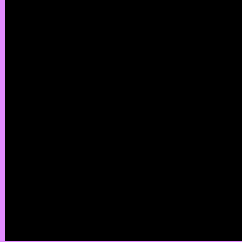
Any Text WCAG AA ✓ Pass

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 178.8240, 37.5548, 41.3734 Background



This preview shows how black text looks on a background with the YUV color 178.8240, 37.5548, 41.3734.



This preview shows how white text looks on a background with the YUV color 178.8240, 37.5548,

41.3734.

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

178.8240, 37.5548, 41.3734

Protanopia

172.8020, 40.5236, -24.3824

Deuteranopia

172.7050, 37.6134, -24.2973



Tritanopia

176.8130, -2.8658, 32.6130

Trichromacy



Original Color

178.8240, 37.5548, 41.3734



Protanomaly

175.0160, 39.4321, -0.8910



Deuteranomaly

174.5600, 37.6849, -0.4911

Tritanomaly

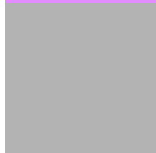
177.4340, 12.1110, 35.5764

Monochromacy



Original Color

178.8240, 37.5548, 41.3734



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.0570, 13.7759, 14.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.8240, 37.5548, 41.3734 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(226, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 140, 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(226, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 140, 255) }
```

Border

The CSS property to change the border of an element to YUV 178.8240, 37.5548, 41.3734 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(226, 140, 255) }
```


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

```
.border{ border-color:rgb(226, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 140,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 178.8240, 37.5548, 41.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 140, 255) }
```

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

```
.background{ background-color: rgb(226,  
140, 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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