

Converting Colors

YUV(178.4770, 37.2328,
51.3247)

Have a look what the booklet for
YUV(178.4770, 37.2328, 51.3247)
contains.

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Color

**YUV(178.4770, 37.2328,
51.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	ED86FE
RGB	237, 134, 254
RGB Percent	93%, 53%, 100%
CMY	0.0706, 0.4745, 0.0039
CMYK	0.07, 0.47, 0.00, 0.00
HSL	292°, 98%, 76%
HSV	292°, 47%, 100%
XYZ	61.3395, 42.2105, 98.6804
YIQ	178.4770, 22.8680, 59.1560

Conversions

Conversions Part 2

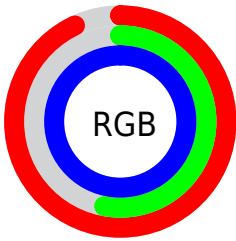
Format	Color
R _{YB}	237, 134, 254
Decimal	15566590
CIE _{Lab}	71.02, 57.02, -43.52
CIE _{LCh}	71, 71.729, 322.647
Y _{xy}	42.2105, 0.3033, 0.2087
Android (android.graphics.Color)	4293756670 (0xFFED86FE)
Y _{UV}	178.4770, 37.2328, 51.3247
Hunter-Lab	64.9696, 54.8299, -44.5751

Details

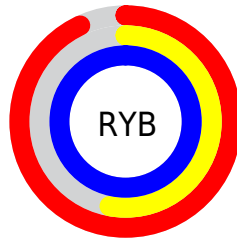
The YUV color **178.4770, 37.2328, 51.3247** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.5230, -37.2328, -51.3247**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **122.9390, 36.5121, 49.1655** is the 20% darker color. If you saturate the color by 10%, you get **162.6060, 45.0572, 61.7355**, and if you desaturate by 10%, it is **194.3480, 29.4084, 40.9138**.

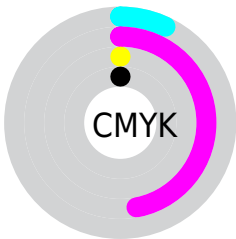
Distribution



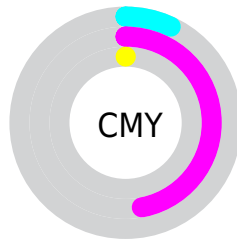
- Red (93%)
- Green (53%)
- Blue (100%)



- Red (93%)
- Yellow (53%)
- Blue (100%)



- Cyan (7%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.4770, 37.2328, 51.3247 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 178.4770, 37.2328, 51.3247 by changing the saturation by 10% instead.


 178.4770, 37.2328,
51.3247


 178.4770, 37.2328,
51.3247


255.0000, 0.0000,
0.0000


 150.6510, 36.6541,
50.2951


 216.8450, 18.8104,
33.4619


 122.9390, 36.5121,
49.1655

 233.8680, 10.4181,
18.5328

 94.9390, 36.5121,
49.1655

 250.8910, 2.0257,
3.6036

 64.7050, 38.1064,
51.1247

 41.9280, 36.5175,
47.4211

 31.0050, 29.5775,
33.3216

 21.0930, 22.6322,

20.9664

■ 7.7070, 17.8924,
1.1340

■ 3.0950, 9.3202,
-2.7143

■ 178.4770, 37.2328,
51.3247

■ 178.4770, 37.2328,
51.3247

■ 162.6060, 45.0572,
61.7355

■ 194.3480, 29.4084,
40.9138

■ 146.4470, 53.0236,
73.2760

■ 210.5070, 21.4420,
29.3734

■ 130.5760, 60.8480,
83.6868

■ 226.3780, 13.6176,
18.9625

■ 114.4170, 68.8144,
95.2273

■ 242.5370, 5.6513,
7.4221

■ 98.5460, 76.6388, 254.8860, -0.4368,
105.6382 0.1000

■ 94.1380, 78.8120,
108.6270

Harmonies

Analogous

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



167.5080, 43.1336, -21.4935



178.4770, 37.2328, 51.3247



163.4040, 14.5908, 80.3297

Triad

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



178.4770, 37.2328, 51.3247



165.2570, -70.1327, 48.0096



145.0560, 37.9334, -127.2141

Complementary

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



178.4770, 37.2328, 51.3247



209.5230, -37.2328, -51.3247

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.



137.4180, 8.6679, -120.5156



178.4770, 37.2328, 51.3247



160.1260, -61.6871, -0.9875

Square

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



178.4770, 37.2328, 51.3247



165.2310, -46.9489, 78.7274



147.4160, -28.3061, -67.8938



145.8830, 53.7947, -127.9394

Rectangle

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



178.4770, 37.2328, 51.3247



157.8010, -4.3389, 85.2435



147.4160, -28.3061, -67.8938



143.1350, 28.0344, -125.5294

Sweetspot

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



178.4770, 37.2328, 51.3247



232.3730, 11.1551, 15.4589



158.2460, 47.2067, -21.2637



113.8900, 6.9562, 8.8665



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.



178.4770, 37.2328, 51.3247



163.6060, 45.0572, 61.7355



178.7720, 16.3814, 65.9750



119.7710, 4.0569, 5.4628



70.8100, 59.2537, 81.7276



23.7410, 19.8477, 27.4141

Inverse Universe

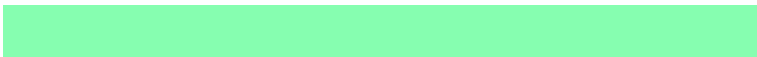
The Inverse Universe completely reimagines the original color for something new.



171.8180, -10.2633, 72.0736



155.6350, -12.6381, 87.1431



209.2280, -16.3814, -65.9750



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 178.4770, 37.2328, 51.3247 looks on a white background.

Color Contrast Check

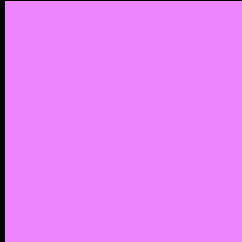
Large Text (above 18pt) WCAG AA × Fail

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 178.4770, 37.2328, 51.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

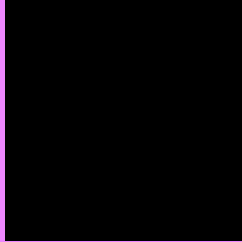
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.4770, 37.2328, 51.3247

Background



This preview shows how black text looks on a background with the YUV color 178.4770, 37.2328, 51.3247.



This preview shows how white text looks on a background with the YUV color 178.4770, 37.2328, 51.3247.

51.3247.

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

178.4770, 37.2328, 51.3247

Protanopia

173.3890, 40.2342, -24.8972

Deuteranopia

173.0750, 36.4450, -22.8678



Tritanopia

177.1840, -5.5137, 41.9346

Trichromacy



Original Color

178.4770, 37.2328, 51.3247



Protanomaly

175.0380, 39.4213, 2.5977



Deuteranomaly

175.0660, 36.9425, 4.3271

Tritanomaly

177.3320, 10.1893, 45.3128

Monochromacy



Original Color

178.4770, 37.2328, 51.3247



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0790, 13.7651, 18.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4770, 37.2328, 51.3247 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(237, 134, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 134, 254)  
}
```

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(237, 134, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 134, 254) }
```

Border

The CSS property to change the border of an element to YUV 178.4770, 37.2328, 51.3247 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(237, 134, 254) }
```


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

```
.border{ border-color:rgb(237, 134, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 134, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 134, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 134, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 134,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 178.4770, 37.2328, 51.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 134, 254) }
```

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

```
.background{ background-color: rgb(237,  
134, 254) }
```

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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