

Converting Colors

YUV(178.5600, 37.6849,
-0.4911)

Have a look what the booklet for
YUV(178.5600, 37.6849, -0.4911)
contains.

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Color

**YUV(178.5600, 37.6849,
-0.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A4FF
RGB	178, 164, 255
RGB Percent	70%, 64%, 100%
CMY	0.3020, 0.3569, 0.0000
CMYK	0.30, 0.36, 0.00, 0.00
HSL	249°, 100%, 82%
HSV	249°, 36%, 100%
XYZ	49.6856, 43.2359, 100.3344
YIQ	178.5600, -20.8670, 31.2690

Conversions

Conversions Part 2

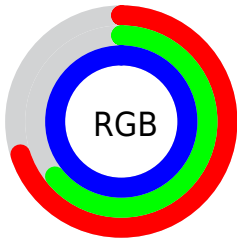
Format	Color
R _Y B	178, 164, 255
Decimal	11707647
CIE Lab	71.71, 24.70, -43.39
CIE LCh	72, 49.927, 299.649
Yxy	43.2359, 0.2571, 0.2237
Android (android.graphics.Color)	4289897727 (0xFFB2A4FF)
YUV	178.5600, 37.6849, -0.4911
Hunter-Lab	65.7540, 19.8100, -44.4431

Details

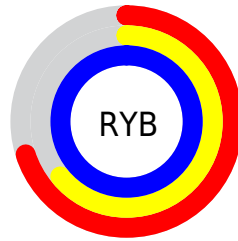
The YUV color $178.5600, 37.6849, -0.4911$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $240.4400, -37.6849, 0.4911$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.8880, 13.3662, 6.2372$, and $125.0930, 35.9432, -1.8356$ is the 20% darker color. If you saturate the color by 10%, you get $157.3070, 48.1626, -1.1462$, and if you desaturate by 10%, it is $200.4000, 26.9178, -0.3508$.

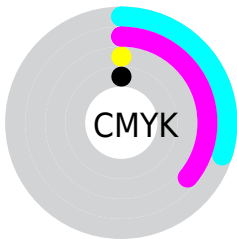
Distribution



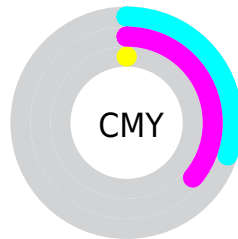
- Red (70%)
- Green (64%)
- Blue (100%)



- Red (70%)
- Yellow (64%)
- Blue (100%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5600, 37.6849, -0.4911 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 178.5600, 37.6849, -0.4911 by changing the saturation by 10% instead.

178.5600, 37.6849,
-0.4911

178.5600, 37.6849,
-0.4911

255.0000, 0.0000,
0.0000

151.6200, 36.6693,
-1.4207

227.8880, 13.3662,
6.2372

125.0930, 35.9432,
-1.8356

250.8910, 2.0257,
3.6036

99.7400, 34.6382,
-3.2800

74.5010, 33.7700,
-4.8244

50.2510, 32.9073,
-8.1131

24.8970, 33.0818,
-17.4497

7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 178.5600, 37.6849,
-0.4911

■ 178.5600, 37.6849,
-0.4911

■ 157.3070, 48.1626,
-1.1462

■ 200.4000, 26.9178,
-0.3508

■ 135.7660, 58.7824,
-0.6718

■ 221.3540, 16.5875,
-0.3105

■ 114.5130, 69.2601,
-1.3269

■ 243.1940, 5.8204,
-0.1701

■ 92.9720, 79.8798,
-0.8524

■ 255.0000, 0.0000,
0.0000

■ 71.1320, 90.6469,
-0.9928

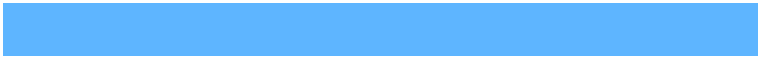
■ 50.1780, 100.9772,
-1.0331

■ 40.7310, 105.6346,
-1.5181

Harmonies

Analogous

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



163.4230, 45.1475, -60.8840



178.5600, 37.6849, -0.4911



180.9650, 20.2303, 44.7577

Triad

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



178.5600, 37.6849, -0.4911



174.7920, -37.8585, 56.3104



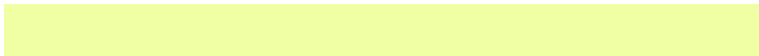
136.6490, 18.4140, -119.8412

Complementary

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



178.5600, 37.6849, -0.4911



240.4400, -37.6849, 0.4911

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.



158.6580, -15.1144, -52.3201



178.5600, 37.6849, -0.4911



171.5960, -44.1708, 27.5413

Square

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



178.5600, 37.6849, -0.4911



174.7610, -20.5882, 70.3696



166.8410, -35.9106, -8.6306



141.1920, 38.3593, -123.8254

Rectangle

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



178.5600, 37.6849, -0.4911



178.9430, 6.9301, 64.0710



166.8410, -35.9106, -8.6306



144.7030, 6.5554, -96.2095

Sweetspot

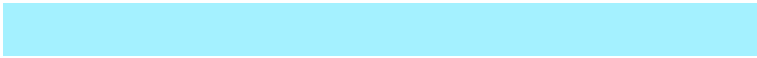
The Sweet Spot groups the original color and five complimentary colors.



178.5600, 37.6849, -0.4911



231.3880, 11.6407, -0.3403



219.5730, 17.4655, -48.7375



113.5360, 7.1308, -0.4701



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.



178.5600, 37.6849, -0.4911



162.6230, 45.5419, -0.5464



192.0150, 31.0516, 27.1738



117.0800, 5.3836, -0.0702



30.4450, 79.1536, -1.2673



10.2860, 26.4810, -0.2508

Inverse Universe

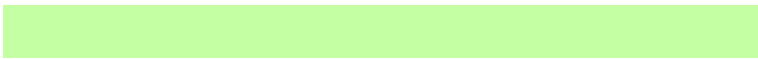
The Inverse Universe completely reimagines the original color for something new.



199.9870, 20.2194, 48.2464



188.4920, 24.4074, 58.3275



226.9850, -31.0516, -27.1738



120.1410, 2.8885, 6.8923



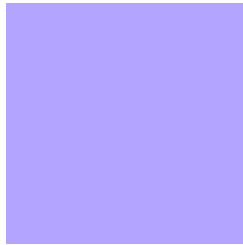
75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 178.5600, 37.6849, -0.4911 looks on a white background.

Color Contrast Check

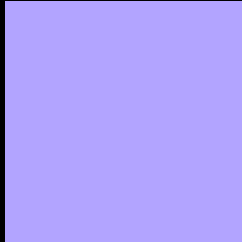
Large Text (above 18pt) WCAG AA × Fail

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 178.5600, 37.6849, -0.4911 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 178.5600, 37.6849, -0.4911

Background



This preview shows how black text looks on a background with the YUV color 178.5600, 37.6849, -0.4911.



This preview shows how white text looks on a background with the YUV color 178.5600, 37.6849, -0.4911.

-0.4911.

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

178.5600, 37.6849, -0.4911

Protanopia

174.8730, 39.5026, -23.5676

Deuteranopia

174.3350, 38.7818, -25.7268



Tritanopia

175.0080, 7.8841, -8.7770

Trichromacy



Original Color

178.5600, 37.6849, -0.4911

Protanomaly

176.4010, 38.7493, -15.2607

Deuteranomaly

175.6890, 38.6073, -16.3903

Tritanomaly

176.1900, 18.6403, -5.4286

Monochromacy



Original Color

178.5600, 37.6849, -0.4911

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.2570, 13.6773, -0.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5600, 37.6849, -0.4911 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(178, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 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(178, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 255) }
```

Border

The CSS property to change the border of an element to YUV 178.5600, 37.6849, -0.4911 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(178, 164, 255) }
```


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

```
.border{ border-color:rgb(178, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 178.5600, 37.6849, -0.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 255) }
```

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

```
.background{ background-color: rgb(178,  
164, 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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