

Converting Colors

YUV(176.0330, 36.9587,
-0.9059)

Have a look what the booklet for
YUV(176.0330, 36.9587, -0.9059)
contains.

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Color

**YUV(176.0330, 36.9587,
-0.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2FB
RGB	175, 162, 251
RGB Percent	69%, 64%, 98%
CMY	0.3137, 0.3647, 0.0157
CMYK	0.30, 0.35, 0.00, 0.02
HSL	249°, 92%, 81%
HSV	249°, 35%, 98%
XYZ	48.0121, 41.9197, 96.8276
YIQ	176.0330, -20.8210, 30.4350

Conversions

Conversions Part 2

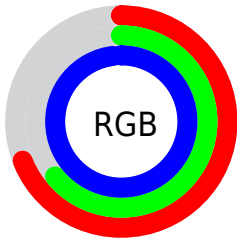
Format	Color
R _Y B	175, 162, 251
Decimal	11510523
CIE Lab	70.82, 24.00, -42.65
CIE LCh	71, 48.936, 299.370
Yxy	41.9197, 0.2571, 0.2245
Android (android.graphics.Color)	4289700603 (0xFFAFA2FB)
YUV	176.0330, 36.9587, -0.9059
Hunter-Lab	64.7454, 19.0627, -43.3472

Details

The YUV color $176.0330, 36.9587, -0.9059$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $236.9670, -36.9587, 0.9059$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.8170, 14.3872, 5.4225$, and $122.5660, 35.2170, -2.2504$ is the 20% darker color. If you saturate the color by 10%, you get $155.0790, 47.2891, -0.9463$, and if you desaturate by 10%, it is $196.9870, 26.6284, -0.8656$.

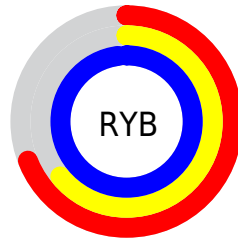
Distribution



Red (69%)

Green (64%)

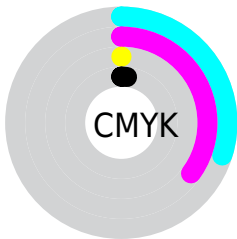
Blue (98%)



Red (69%)

Yellow (64%)

Blue (98%)

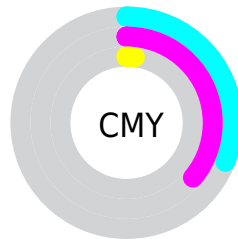


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0330, 36.9587, -0.9059 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 176.0330, 36.9587, -0.9059 by changing the saturation by 10% instead.

■ 176.0330, 36.9587,
-0.9059

■ 176.0330, 36.9587,
-0.9059

■ 255.0000, 0.0000,
0.0000

■ 149.0930, 35.9432,
-1.8356

■ 225.8170, 14.3872,
5.4225

■ 122.5660, 35.2170,
-2.2504

■ 249.1300, 2.8939,
5.1480

■ 97.3270, 34.3488,
-3.7948

■ 72.6750, 33.1912,
-5.8540

■ 48.7240, 32.1811,
-8.5279

■ 22.1850, 32.9398,
-18.5792

■ 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 176.0330, 36.9587,
-0.9059

■ 176.0330, 36.9587,
-0.9059

■ 155.0790, 47.2891,
-0.9463

■ 196.9870, 26.6284,
-0.8656

■ 133.8260, 57.7668,
-1.6014

■ 218.2400, 16.1507,
-0.2105

■ 112.8720, 68.0971,
-1.6417

■ 239.1940, 5.8204,
-0.1701

■ 91.6190, 78.5748,
-2.2969

■ 254.5440, -1.7472,
0.3999

■ 70.0780, 89.1945,
-1.8224

■ 48.8250, 99.6723,
-2.4775

■ 39.6770, 104.1822,
-2.3477

Harmonies

Analogous

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



161.3630, 46.1630, -59.9544



176.0330, 36.9587, -0.9059



178.2530, 20.0883, 43.6281

Triad

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



176.0330, 36.9587, -0.9059



172.0200, -36.9849, 56.1105



134.5460, 17.9718, -117.9968

Complementary

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



176.0330, 36.9587, -0.9059



236.9670, -36.9587, 0.9059

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.



156.9680, -15.2672, -49.9609



176.0330, 36.9587, -0.9059



169.2370, -43.0078, 27.8562

Square

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



176.0330, 36.9587, -0.9059



173.4730, -20.4462, 71.4992



165.2540, -35.6212, -8.1158



139.0890, 37.9171, -121.9811

Rectangle

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



176.0330, 36.9587, -0.9059



176.9320, 6.9355, 62.3266



165.2540, -35.6212, -8.1158



144.0950, 5.3762, -91.2913

Sweetspot

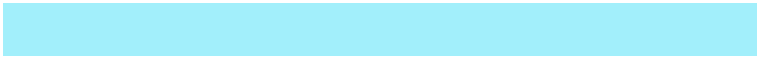
The Sweet Spot groups the original color and five complimentary colors.



176.0330, 36.9587, -0.9059



231.3880, 11.6407, -0.3403



217.3450, 16.5919, -48.5376



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.



176.0330, 36.9587, -0.9059



162.3240, 45.6893, -1.1611



188.8900, 30.6202, 25.5295



114.0800, 5.3836, -0.0702



29.9180, 78.4274, -1.6821



9.6450, 25.3180, -0.5657

Inverse Universe

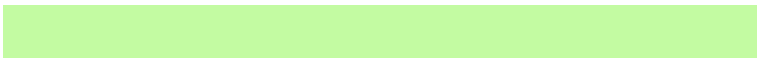
The Inverse Universe completely reimagines the original color for something new.



197.2750, 20.0774, 47.1168



188.6060, 24.8442, 58.2275



224.1100, -30.6202, -25.5295



117.1410, 2.8885, 6.8923



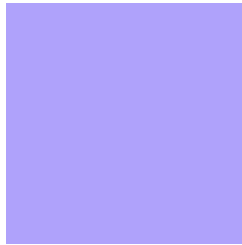
74.8650, 42.4646, 100.0964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 176.0330, 36.9587, -0.9059 looks on a white background.

Color Contrast Check

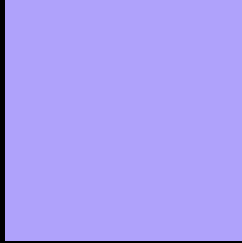
Large Text (above 18pt) WCAG AA × Fail

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 176.0330, 36.9587, -0.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

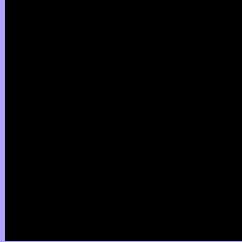
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.0330, 36.9587, -0.9059

Background



This preview shows how black text looks on a background with the YUV color 176.0330, 36.9587, -0.9059.



This preview shows how white text looks on a background with the YUV color 176.0330, 36.9587, -0.9059.

-0.9059.

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

176.0330, 36.9587, -0.9059

Protanopia

172.2150, 40.8130, -23.8676

Deuteranopia

172.4060, 37.7608, -24.9121



Tritanopia

172.7090, 8.0315, -9.3918

Trichromacy



Original Color

176.0330, 36.9587, -0.9059

Protanomaly

173.6290, 39.6229, -15.4606

Deuteranomaly

173.4610, 37.7337, -16.1903

Tritanomaly

173.8910, 18.7877, -6.0434

Monochromacy



Original Color

176.0330, 36.9587, -0.9059

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0330, 36.9587, -0.9059 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(175, 162, 251)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 251)  
}
```

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(175, 162, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 251) }
```

Border

The CSS property to change the border of an element to YUV 176.0330, 36.9587, -0.9059 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(175, 162, 251) }
```


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

```
.border{ border-color:rgb(175, 162, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 251);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 176.0330, 36.9587, -0.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 251) }
```

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

```
.background{ background-color: rgb(175,  
162, 251) }
```

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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