

Converting Colors

YUV(176.2400, 36.3637, 3.2975)

Have a look what the booklet for
YUV(176.2400, 36.3637, 3.2975)
contains.

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Color

**YUV(176.2400, 36.3637,
3.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A0FA
RGB	180, 160, 250
RGB Percent	71%, 63%, 98%
CMY	0.2941, 0.3725, 0.0196
CMYK	0.28, 0.36, 0.00, 0.02
HSL	253°, 90%, 80%
HSV	253°, 36%, 98%
XYZ	48.6485, 41.7470, 95.9364
YIQ	176.2400, -16.9700, 32.2300

Conversions

Conversions Part 2

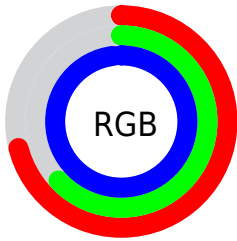
Format	Color
R _Y B	180, 160, 250
Decimal	11837690
CIE Lab	70.70, 26.27, -42.26
CIE LCh	71, 49.758, 301.863
Yxy	41.7470, 0.2611, 0.2240
Android (android.graphics.Color)	4290027770 (0xFFB4A0FA)
YUV	176.2400, 36.3637, 3.2975
Hunter-Lab	64.6119, 21.3278, -42.8060

Details

The YUV color $176.2400, 36.3637, 3.2975$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $233.7600, -36.3637, -3.2975$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.1380, 14.2290, 9.5260$, and $122.7730, 34.6219, 1.9531$ is the 20% darker color. If you saturate the color by 10%, you get $155.8840, 46.3992, 4.4867$, and if you desaturate by 10%, it is $196.5960, 26.3282, 2.1083$.

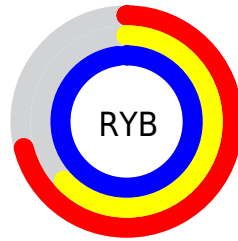
Distribution



Red (71%)

Green (63%)

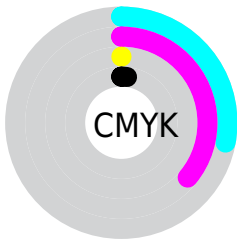
Blue (98%)



Red (71%)

Yellow (63%)

Blue (98%)

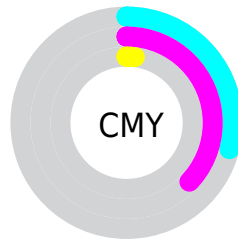


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (37%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2400, 36.3637, 3.2975 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 176.2400, 36.3637, 3.2975 by changing the saturation by 10% instead.

■ 176.2400, 36.3637,
3.2975

■ 176.2400, 36.3637,
3.2975

■ 255.0000, 0.0000,
0.0000

■ 149.3000, 35.3481,
2.3679

■ 226.1380, 14.2290,
9.5260

■ 122.7730, 34.6219,
1.9531

■ 247.9560, 3.4727,
6.1776

■ 97.5340, 33.7537,
0.4087

■ 73.1810, 32.4488,
-1.0357

■ 48.6430, 31.7280,
-3.1949

■ 24.4850, 31.3129,
-10.0723

■ 7.2960, 27.9551,

-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 176.2400, 36.3637,
3.2975

■ 176.2400, 36.3637,
3.2975

■ 155.8840, 46.3992,
4.4867

■ 196.5960, 26.3282,
2.1083

■ 135.2290, 56.5821,
5.0612

■ 217.2510, 16.1453,
1.5339

■ 114.8730, 66.6176,
6.2504

■ 237.6070, 6.1097,
0.3447

■ 94.2180, 76.8005,
6.8248

■ 254.4300, -2.1840,
0.4999

■ 73.8620, 86.8360,
8.0140

■ 53.2070, 97.0189,
8.5885

■ 45.2440, 100.9447,
9.4330

Harmonies

Analogous

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



162.5700, 45.5680, -55.7509



176.2400, 36.3637, 3.2975



177.6340, 18.9144, 46.8020

Triad

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



176.2400, 36.3637, 3.2975



171.6670, -38.2898, 54.6660



134.8880, 19.2822, -118.2968

Complementary

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



176.2400, 36.3637, 3.2975



233.7600, -36.3637, -3.2975

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.



154.9180, -12.7776, -55.1791



176.2400, 36.3637, 3.2975



168.4000, -43.5812, 25.0822

Square

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



176.2400, 36.3637, 3.2975



173.0170, -22.1934, 71.8991



163.7590, -34.8842, -11.1896



139.4310, 39.2275, -122.2810

Rectangle

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



176.2400, 36.3637, 3.2975



176.1990, 5.3249, 65.6005



163.7590, -34.8842, -11.1896



136.1790, 11.2508, -108.9050

Sweetspot

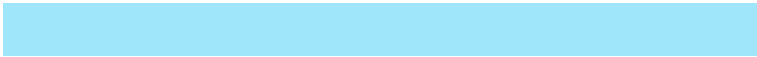
The Sweet Spot groups the original color and five complimentary colors.



176.2400, 36.3637, 3.2975



231.9860, 11.3459, 0.8893



211.3500, 19.0545, -45.0339



114.1340, 6.8359, 0.7595



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.



176.2400, 36.3637, 3.2975



165.0150, 44.3626, 4.3718



189.6950, 29.7304, 30.9625



114.3790, 5.2362, 0.5446



34.1040, 76.3637, 6.9248



11.1400, 24.5810, 2.5082

Inverse Universe

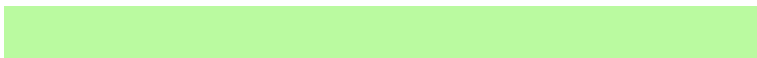
The Inverse Universe completely reimagines the original color for something new.



194.8900, 17.3092, 48.3315



187.6940, 21.3499, 59.0274



220.6040, -29.8778, -30.3477



117.0270, 2.4517, 6.9923



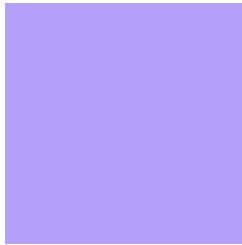
73.2690, 36.3494, 101.4961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 176.2400, 36.3637, 3.2975 looks on a white background.

Color Contrast Check

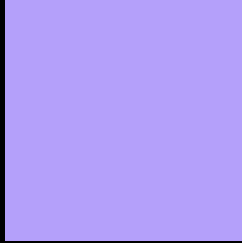
Large Text (above 18pt) WCAG AA × Fail

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 176.2400, 36.3637, 3.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

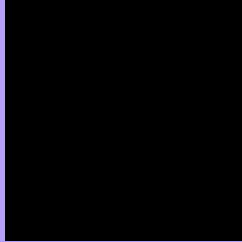
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.2400, 36.3637, 3.2975

Background



This preview shows how black text looks on a background with the YUV color 176.2400, 36.3637, 3.2975.



This preview shows how white text looks on a background with the YUV color 176.2400, 36.3637,

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

176.2400, 36.3637, 3.2975

Protanopia

171.9160, 40.9604, -24.4823

Deuteranopia

171.7050, 37.6134, -24.2973



Tritanopia

173.1010, 6.8522, -4.4736

Trichromacy



Original Color

176.2400, 36.3637, 3.2975

Protanomaly

173.2270, 39.3281, -14.2311

Deuteranomaly

173.3580, 37.2915, -14.3460

Tritanomaly

173.9840, 17.7559, -1.7400

Monochromacy



Original Color

176.2400, 36.3637, 3.2975

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8550, 13.3825, 1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2400, 36.3637, 3.2975 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(180, 160, 250)` looks like.

```
.text, #text, p{  
    color:rgb(180, 160, 250)  
}
```

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(180, 160, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 160, 250) }
```

Border

The CSS property to change the border of an element to YUV 176.2400, 36.3637, 3.2975 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(180, 160, 250) }
```


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

```
.border{ border-color:rgb(180, 160, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 160, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 160, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 160, 250);  
box-shadow:4px 4px 4px 4px rgb(180, 160,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 176.2400, 36.3637, 3.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 160, 250) }
```

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

```
.background{ background-color: rgb(180,  
160, 250) }
```

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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