

Converting Colors

YUV(175.2930, 39.2956,
-3.7650)

Have a look what the booklet for
YUV(175.2930, 39.2956, -3.7650)
contains.

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Color

**YUV(175.2930, 39.2956,
-3.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA2FF
RGB	171, 162, 255
RGB Percent	67%, 64%, 100%
CMY	0.3294, 0.3647, 0.0000
CMYK	0.33, 0.36, 0.00, 0.00
HSL	246°, 100%, 82%
HSV	246°, 36%, 100%
XYZ	47.7649, 41.7186, 100.1428
YIQ	175.2930, -24.4890, 30.8310

Conversions

Conversions Part 2

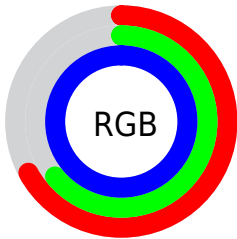
Format	Color
RYB	171, 162, 255
Decimal	11248383
CIELab	70.68, 23.92, -45.06
CIELCh	71, 51.010, 297.959
Yxy	41.7186, 0.2519, 0.2200
Android (android.graphics.Color)	4289438463 (0xFFABA2FF)
YUV	175.2930, 39.2956, -3.7650
Hunter-Lab	64.5899, 18.9702, -46.7126

Details

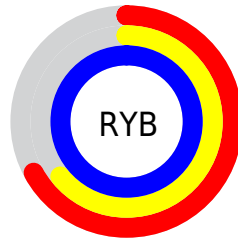
The YUV color $175.2930, 39.2956, -3.7650$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $241.7070, -39.2956, 3.7650$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.6210, 14.9768, 2.9634$, and $121.8260, 37.5538, -5.1094$ is the 20% darker color. If you saturate the color by 10%, you get $153.1540, 50.2101, -4.5201$, and if you desaturate by 10%, it is $196.8450, 28.6704, -2.4951$.

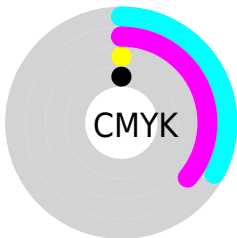
Distribution



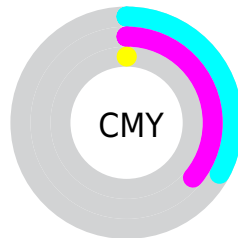
- Red (67%)
- Green (64%)
- Blue (100%)



- Red (67%)
- Yellow (64%)
- Blue (100%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2930, 39.2956, -3.7650 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 175.2930, 39.2956, -3.7650 by changing the saturation by 10% instead.

■ 175.2930, 39.2956,
-3.7650

■ 175.2930, 39.2956,
-3.7650

255.0000, 0.0000,
0.0000

■ 148.3530, 38.2800,
-4.6946

■ 224.6210, 14.9768,
2.9634

■ 121.8260, 37.5538,
-5.1094

■ 249.1300, 2.8939,
5.1480

■ 96.1740, 36.3962,
-7.1686

■ 71.5220, 35.2387,
-9.2278

■ 46.6740, 34.6707,
-13.7461

■ 22.8150, 34.1082,
-20.0088

■ 7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 175.2930, 39.2956,
-3.7650

■ 175.2930, 39.2956,
-3.7650

■ 153.1540, 50.2101,
-4.5201

■ 196.8450, 28.6704,
-2.4951

■ 131.6020, 60.8352,
-5.7900

■ 218.9840, 17.7559,
-1.7400

■ 110.0500, 71.4604,
-7.0598

■ 241.1230, 6.8414,
-0.9849

■ 87.9110, 82.3749,
-7.8149

■ 255.0000, 0.0000,
0.0000

■ 65.7720, 93.2894,
-8.5700

■ 44.2200, 103.9145,
-9.8399

■ 36.5450, 107.6983,
-10.1250

Harmonies

Analogous

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



157.7640, 47.9373, -69.0760



175.2930, 39.2956, -3.7650



177.8230, 22.2723, 43.1282

Triad

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



175.2930, 39.2956, -3.7650



171.5150, -37.7219, 59.1843



134.2040, 16.6614, -117.6969

Complementary

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



175.2930, 39.2956, -3.7650



241.7070, -39.2956, 3.7650

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.



155.9140, -16.7196, -50.7906



175.2930, 39.2956, -3.7650



168.6780, -45.1973, 30.1004

Square

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



175.2930, 39.2956, -3.7650



172.2990, -19.8674, 72.5288



164.3960, -37.6632, -6.4863



139.5620, 37.1909, -122.3959

Rectangle

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



175.2930, 39.2956, -3.7650



176.6980, 8.5299, 64.2859



164.3960, -37.6632, -6.4863



140.7630, 5.5398, -97.1392

Sweetspot

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



175.2930, 39.2956, -3.7650



231.0890, 11.7881, -0.9551



222.4970, 16.0240, -53.0559



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.



175.2930, 39.2956, -3.7650



159.0570, 47.2999, -4.4350



188.7480, 32.6622, 23.9000



116.7810, 5.5310, -0.6849



27.4550, 80.6277, -7.4150



9.0900, 27.0706, -2.7099

Inverse Universe

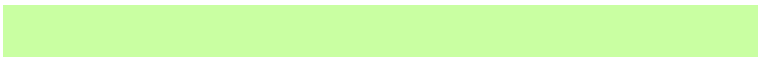
The Inverse Universe completely reimagines the original color for something new.



199.3830, 22.9822, 48.7761



188.0020, 27.6070, 58.7572



228.2520, -32.6622, -23.9000



120.1410, 2.8885, 6.8923



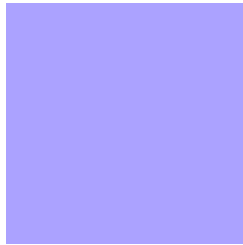
76.8310, 47.4113, 100.1262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 175.2930, 39.2956, -3.7650 looks on a white background.

Color Contrast Check

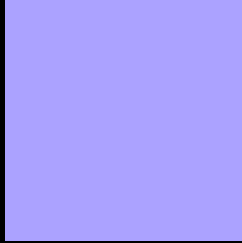
Large Text (above 18pt) WCAG AA × Fail

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 175.2930, 39.2956, -3.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

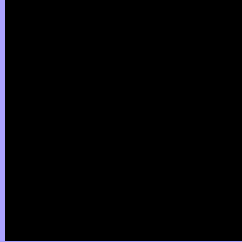
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.2930, 39.2956, -3.7650

Background



This preview shows how black text looks on a background with the YUV color 175.2930, 39.2956, -3.7650.



This preview shows how white text looks on a background with the YUV color 175.2930, 39.2956, -3.7650.

-3.7650.

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

175.2930, 39.2956, -3.7650

Protanopia

171.9160, 40.9604, -24.4823

Deuteranopia

171.3670, 40.2451, -28.3859



Tritanopia

171.2140, 8.7685, -12.4657

Trichromacy



Original Color

175.2930, 39.2956, -3.7650

Protanomaly

173.1450, 40.3545, -16.7902

Deuteranomaly

172.7210, 40.0705, -19.0493

Tritanomaly

172.5100, 19.9616, -9.2173

Monochromacy



Original Color

175.2930, 39.2956, -3.7650

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0720, 14.2615, -0.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2930, 39.2956, -3.7650 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(171, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 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(171, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 255) }
```

Border

The CSS property to change the border of an element to YUV 175.2930, 39.2956, -3.7650 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(171, 162, 255) }
```


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

```
.border{ border-color:rgb(171, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 175.2930, 39.2956, -3.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 255) }
```

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

```
.background{ background-color: rgb(171,  
162, 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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