

Converting Colors

YUV(172.9560, 40.4477, 0.0386)

Have a look what the booklet for
YUV(172.9560, 40.4477, 0.0386)
contains.

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Color

**YUV(172.9560, 40.4477,
0.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9DFF
RGB	173, 157, 255
RGB Percent	68%, 62%, 100%
CMY	0.3216, 0.3843, 0.0000
CMYK	0.32, 0.38, 0.00, 0.00
HSL	250°, 100%, 81%
HSV	250°, 38%, 100%
XYZ	47.3406, 40.2182, 99.8755
YIQ	172.9560, -21.9220, 33.8700

Conversions

Conversions Part 2

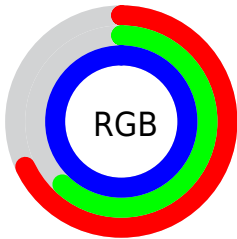
Format	Color
R _Y B	173, 157, 255
Decimal	11378175
CIE Lab	69.62, 27.27, -46.70
CIE LCh	70, 54.076, 300.283
Yxy	40.2182, 0.2526, 0.2146
Android (android.graphics.Color)	4289568255 (0xFFAD9DFF)
YUV	172.9560, 40.4477, 0.0386
Hunter-Lab	63.4178, 22.2667, -48.9822

Details

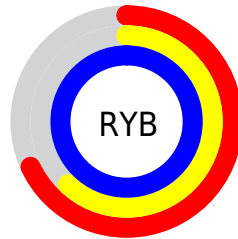
The YUV color $172.9560, 40.4477, 0.0386$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $239.0440, -40.4477, -0.0386$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.5830, 15.9816, 7.3817$, and $120.0760, 38.4165, -1.8207$ is the 20% darker color. If you saturate the color by 10%, you get $152.0020, 50.7780, -0.0018$, and if you desaturate by 10%, it is $194.4970, 29.8280, -0.4359$.

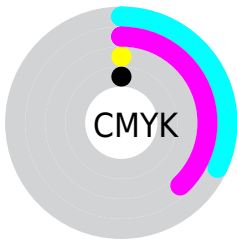
Distribution



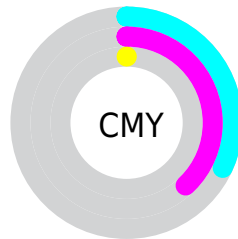
- Red (68%)
- Green (62%)
- Blue (100%)



- Red (68%)
- Yellow (62%)
- Blue (100%)



- Cyan (32%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9560, 40.4477, 0.0386 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 172.9560, 40.4477, 0.0386 by changing the saturation by 10% instead.

172.9560, 40.4477,
0.0386

172.9560, 40.4477,
0.0386

255.0000, 0.0000,
0.0000

146.0160, 39.4321,
-0.8910

222.5830, 15.9816,
7.3817

120.0760, 38.4165,
-1.8207

246.1950, 4.3409,
7.7220

93.8370, 37.5484,
-3.3650

69.1850, 36.3908,
-5.4242

44.3370, 35.8229,
-9.9425

19.8800, 35.5552,
-17.4348

7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 172.9560, 40.4477,
0.0386

■ 172.9560, 40.4477,
0.0386

■ 152.0020, 50.7780,
-0.0018

■ 194.4970, 29.8280,
-0.4359

■ 130.1620, 61.5451,
-0.1421

■ 215.7500, 19.3502,
0.2193

■ 109.2080, 71.8755,
-0.1824

■ 237.2910, 8.7305,
-0.2552

■ 87.6670, 82.4952,
0.2920

■ 255.0000, 0.0000,
0.0000

■ 65.8270, 93.2623,
0.1517

■ 44.8730, 103.5926,
0.1114

■ 41.6280, 105.1924,
0.3262

Harmonies

Analogous

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



153.6220, 49.9794, -70.7055



172.9560, 40.4477, 0.0386



175.0410, 21.6718, 49.0760

Triad

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



172.9560, 40.4477, 0.0386



168.3040, -41.0689, 59.3694



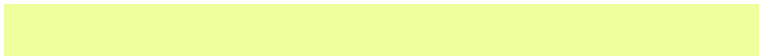
133.1440, 17.6770, -116.7673

Complementary

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



172.9560, 40.4477, 0.0386



239.0440, -40.4477, -0.0386

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.



150.5000, -15.5295, -59.1975



172.9560, 40.4477, 0.0386



165.5700, -48.1020, 28.4411

Square

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



172.9560, 40.4477, 0.0386



168.3380, -22.3516, 76.0026



160.3200, -39.1048, -10.8046



138.7300, 39.0801, -121.6662

Rectangle

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



172.9560, 40.4477, 0.0386



172.5030, 7.6400, 69.7189



160.3200, -39.1048, -10.8046



131.2060, 10.2514, -115.0677

Sweetspot

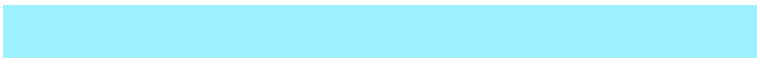
The Sweet Spot groups the original color and five complimentary colors.



172.9560, 40.4477, 0.0386



229.0290, 12.8037, -0.0254



216.8930, 18.7868, -52.5262



112.9490, 7.4201, 0.0447



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.



172.9560, 40.4477, 0.0386



157.0190, 48.3046, -0.0167



187.3080, 33.3722, 29.5479



117.0800, 5.3836, -0.0702



31.0430, 78.8588, -0.0377



10.2860, 26.4810, -0.2508

Inverse Universe

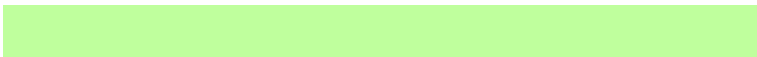
The Inverse Universe completely reimagines the original color for something new.



195.6500, 21.3715, 52.0499



184.1550, 25.5596, 62.1311



224.6920, -33.3722, -29.5479



120.0270, 2.4517, 6.9923



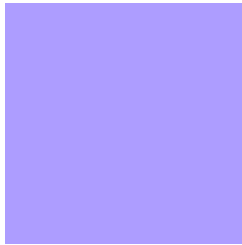
75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 172.9560, 40.4477, 0.0386 looks on a white background.

Color Contrast Check

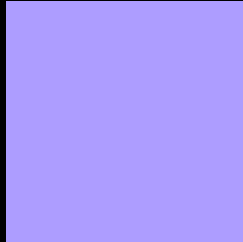
Large Text (above 18pt) WCAG AA × Fail

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 172.9560, 40.4477, 0.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

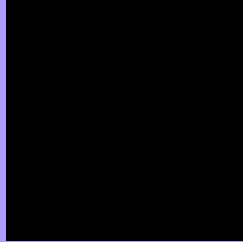
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9560, 40.4477, 0.0386

Background



This preview shows how black text looks on a background with the YUV color 172.9560, 40.4477, 0.0386.



This preview shows how white text looks on a background with the YUV color 172.9560, 40.4477,

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

172.9560, 40.4477, 0.0386

Protanopia

168.6600, 42.5656, -26.0118

Deuteranopia

167.6980, 41.5609, -30.4301



Tritanopia

169.2960, 7.7421, -9.9066

Trichromacy



Original Color

172.9560, 40.4477, 0.0386

Protanomaly

169.9000, 41.9543, -16.5753

Deuteranomaly

169.9490, 40.9441, -19.2493

Tritanomaly

170.7060, 19.3719, -6.7582

Monochromacy



Original Color

172.9560, 40.4477, 0.0386

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8980, 14.8403, 0.0895

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9560, 40.4477, 0.0386 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(173, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 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(173, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 255) }
```

Border

The CSS property to change the border of an element to YUV 172.9560, 40.4477, 0.0386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

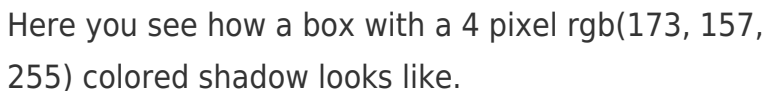
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 157, 255) }
```


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

```
.border{ border-color:rgb(173, 157, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 157, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 157, 255); box-shadow:4px 4px 4px 4px rgb(173, 157, 255) }
```

Background

The CSS property to change the background color of an element to YUV 172.9560, 40.4477, 0.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 255) }
```

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

```
.background{ background-color: rgb(173,  
157, 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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