

Converting Colors

YUV(177.3200, 38.2962,
-9.9276)

Have a look what the booklet for
YUV(177.3200, 38.2962, -9.9276)
contains.

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Color

**YUV(177.3200, 38.2962,
-9.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A8FF
RGB	166, 168, 255
RGB Percent	65%, 66%, 100%
CMY	0.3490, 0.3412, 0.0000
CMYK	0.35, 0.34, 0.00, 0.00
HSL	239°, 100%, 83%
HSV	239°, 35%, 100%
XYZ	47.7785, 43.3323, 100.4535
YIQ	177.3200, -29.1190, 26.6330

Conversions

Conversions Part 2

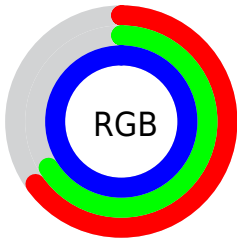
Format	Color
R _Y B	166, 168, 255
Decimal	10922239
CIE Lab	71.78, 19.20, -43.35
CIE LCh	72, 47.415, 293.883
Yxy	43.3323, 0.2494, 0.2262
Android (android.graphics.Color)	4289112319 (0xFFA6A8FF)
YUV	177.3200, 38.2962, -9.9276
Hunter-Lab	65.8272, 14.3606, -44.3985

Details

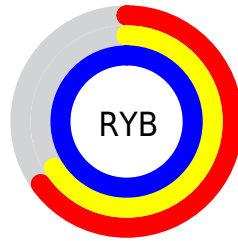
The YUV color $177.3200, 38.2962, -9.9276$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $243.6800, -38.2962, 9.9276$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.6480, 13.9775, -3.1993$, and $123.8530, 36.5545, -11.2721$ is the 20% darker color. If you saturate the color by 10%, you get $155.1700, 49.2162, -12.4271$, and if you desaturate by 10%, it is $199.7690, 27.2289, -6.8134$.

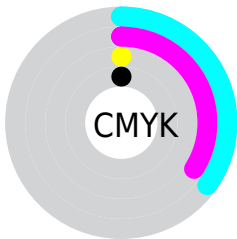
Distribution



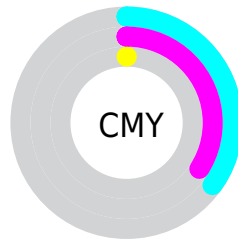
- Red (65%)
- Green (66%)
- Blue (100%)



- Red (65%)
- Yellow (66%)
- Blue (100%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.3200, 38.2962, -9.9276 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 177.3200, 38.2962, -9.9276 by changing the saturation by 10% instead.

■ 177.3200, 38.2962,
-9.9276

■ 177.3200, 38.2962,
-9.9276

■ 255.0000, 0.0000,
0.0000

■ 150.3800, 37.2807,
-10.8573

■ 226.6480, 13.9775,
-3.1993

■ 123.8530, 36.5545,
-11.2721

■ 252.6410, 1.1630,
0.3148

■ 98.2010, 35.3969,
-13.3313

■ 72.9620, 34.5287,
-14.8757

■ 47.5160, 34.2556,
-20.6235

■ 25.7500, 32.6613,
-22.5828

■ 7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 177.3200, 38.2962,
-9.9276

■ 177.3200, 38.2962,
-9.9276

■ 155.1700, 49.2162,
-12.4271

■ 199.7690, 27.2289,
-6.8134

■ 132.7210, 60.2835,
-15.5413

■ 221.9190, 16.3089,
-4.3140

■ 110.5710, 71.2035,
-18.0408

■ 244.3680, 5.2416,
-1.1997

■ 88.1220, 82.2709,
-21.1550

■ 255.0000, 0.0000,
0.0000

■ 65.6730, 93.3382,
-24.2692

■ 43.5230, 104.2582,
-26.7687

■ 32.5920, 109.6471,
-28.5832

Harmonies

Analogous

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



161.0090, 46.3376, -69.2909



177.3200, 38.2962, -9.9276



181.1810, 22.5888, 34.9213

Triad

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



177.3200, 38.2962, -9.9276



175.5410, -33.7907, 58.2845



145.5010, 9.6130, -96.9094

Complementary

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



177.3200, 38.2962, -9.9276



243.6800, -38.2962, 9.9276

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.



161.9970, -19.2255, -40.3394



177.3200, 38.2962, -9.9276



172.6120, -41.7137, 32.7893

Square

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



177.3200, 38.2962, -9.9276



176.4880, -16.5096, 68.8550



168.9560, -36.9533, -0.8384



140.1660, 34.4282, -122.9256

Rectangle

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



177.3200, 38.2962, -9.9276



179.8110, 10.4462, 56.2938



168.9560, -36.9533, -0.8384



153.9680, -1.9562, -72.7629

Sweetspot

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



177.3200, 38.2962, -9.9276



232.8500, 10.9200, -2.4994



228.0470, 11.8088, -54.4152



114.4110, 6.6994, -2.1144



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.



177.3200, 38.2962, -9.9276



161.3720, 46.1586, -11.7272



188.7040, 32.6839, 16.9226



116.4820, 5.6784, -1.2997



24.1220, 82.2709, -21.1550



7.8830, 27.6657, -6.9134

Inverse Universe

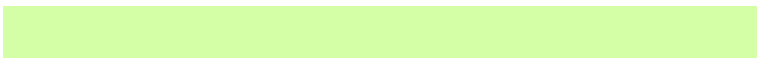
The Inverse Universe completely reimagines the original color for something new.



192.8390, -12.2456, 54.5152



180.2210, -14.8990, 65.5812



232.2960, -32.6839, -16.9226



118.8870, -1.9163, 7.9921



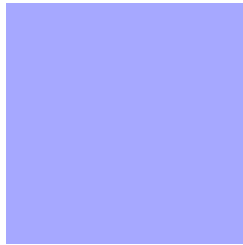
57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 177.3200, 38.2962, -9.9276 looks on a white background.

Color Contrast Check

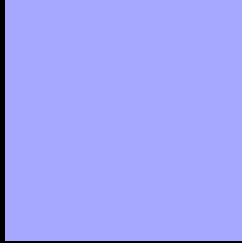
Large Text (above 18pt) WCAG AA × Fail

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 177.3200, 38.2962, -9.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

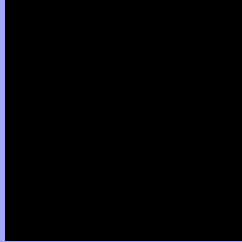
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.3200, 38.2962, -9.9276

Background



This preview shows how black text looks on a background with the YUV color 177.3200, 38.2962, -9.9276.



This preview shows how white text looks on a background with the YUV color 177.3200, 38.2962, -9.9276.

-9.9276.

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

177.3200, 38.2962, -9.9276

Protanopia

175.1720, 39.3552, -22.9528

Deuteranopia

174.4490, 39.2186, -25.8268



Tritanopia

173.3380, 10.6794, -18.7134

Trichromacy



Original Color

177.3200, 38.2962, -9.9276

Protanomaly

175.7920, 39.0495, -18.2346

Deuteranomaly

175.6670, 38.6182, -19.8790

Tritanomaly

174.9930, 20.7095, -15.7799

Monochromacy



Original Color

177.3200, 38.2962, -9.9276

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2350, 13.6881, -3.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.3200, 38.2962, -9.9276 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(166, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 168, 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(166, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 168, 255) }
```

Border

The CSS property to change the border of an element to YUV 177.3200, 38.2962, -9.9276 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(166, 168, 255) }
```


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

```
.border{ border-color:rgb(166, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 168,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 177.3200, 38.2962, -9.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 168, 255) }
```

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

```
.background{ background-color: rgb(166,  
168, 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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