

Converting Colors

YUV(142.1440, 55.6380,
27.9377)

Have a look what the booklet for
YUV(142.1440, 55.6380, 27.9377)
contains.

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Color

**YUV(142.1440, 55.6380,
27.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	AE68FF
RGB	174, 104, 255
RGB Percent	68%, 41%, 100%
CMY	0.3176, 0.5922, 0.0000
CMYK	0.32, 0.59, 0.00, 0.00
HSL	268°, 100%, 70%
HSV	268°, 59%, 100%
XYZ	40.4559, 26.1193, 97.5170
YIQ	142.1440, -6.7510, 61.8010

Conversions

Conversions Part 2

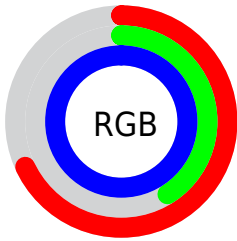
Format	Color
RYB	174, 104, 255
Decimal	11430143
CIELab	58.15, 56.50, -64.94
CIELCh	58, 86.077, 311.025
Yxy	26.1193, 0.2465, 0.1592
Android (android.graphics.Color)	4289620223 (0xFFAE68FF)
YUV	142.1440, 55.6380, 27.9377
Hunter-Lab	51.1070, 51.8617, -77.3559

Details

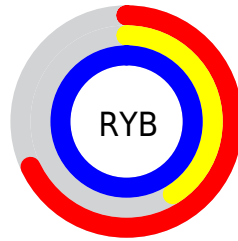
The YUV color **142.1440, 55.6380, 27.9377** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **216.8560, -55.6380, -27.9377**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4830, 31.3139, 36.4104**, and **87.0790, 54.1911, 25.3637** is the 20% darker color. If you saturate the color by 10%, you get **123.2830, 64.9365, 32.2008**, and if you desaturate by 10%, it is **161.5920, 46.0501, 23.1598**.

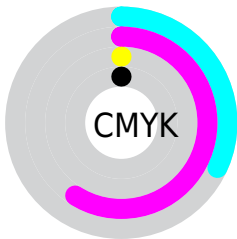
Distribution



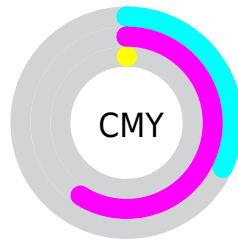
- Red (68%)
- Green (41%)
- Blue (100%)



- Red (68%)
- Yellow (41%)
- Blue (100%)



- Cyan (32%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1440, 55.6380, 27.9377 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 142.1440, 55.6380, 27.9377 by changing the saturation by 10% instead.

142.1440, 55.6380,
27.9377

142.1440, 55.6380,
27.9377

255.0000, 0.0000,
0.0000

114.9050, 54.7698,
26.3933

191.4830, 31.3139,
36.4104

87.0790, 54.1911,
25.3637

214.4970, 19.9680,
35.5211

58.7800, 54.3385,
24.7489

230.9330, 11.8650,
21.1068

32.9320, 53.7705,
20.2306

247.9560, 3.4727,
6.1776

18.6060, 48.0152,
-0.5315

10.2600, 39.3118,
-8.9980

9.2850, 27.9605,

-8.1429

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 142.1440, 55.6380,
27.9377

■ 142.1440, 55.6380,
27.9377

■ 123.2830, 64.9365,
32.2008

■ 161.5920, 46.0501,
23.1598

■ 104.1340, 74.3769,
37.5935

■ 180.1540, 36.8991,
18.2819

■ 84.6860, 83.9648,
42.3714

■ 199.0150, 27.6006,
14.0188

■ 65.8250, 93.2633,
46.6345

■ 218.4630, 18.0127,
9.2409

■ 64.3520, 93.9895,
47.0493

■ 237.6120, 8.5723,
3.8483

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



111.8370, 70.5794, -98.0810



142.1440, 55.6380, 27.9377



126.7380, 31.6812, 105.4698

Triad

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



142.1440, 55.6380, 27.9377



131.1590, -64.6614, 66.5126



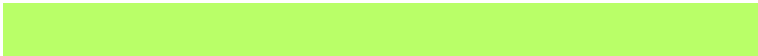
120.0020, 23.1700, -105.2418

Complementary

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



142.1440, 55.6380, 27.9377



216.8560, -55.6380, -27.9377

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.



109.1210, -10.9057, -95.6991



142.1440, 55.6380, 27.9377



128.1710, -63.1883, 13.8820

Square

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



142.1440, 55.6380, 27.9377



124.7480, -40.7948, 111.6000



109.1580, -53.8149, -52.7586



126.9220, 54.7615, -111.3106

Rectangle

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



142.1440, 55.6380, 27.9377



106.9940, 16.7650, 129.8013



109.1580, -53.8149, -52.7586



116.3370, 11.6659, -102.0275

Sweetspot

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



142.1440, 55.6380, 27.9377



220.5230, 16.9972, 8.3113



169.9350, 41.9370, -57.8250



106.1930, 10.7509, 5.0927



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.



142.1440, 55.6380, 27.9377



119.7500, 66.6783, 33.5453



163.9710, 44.8773, 72.8164



118.2760, 4.7939, 2.3889



48.3850, 70.3092, 35.6194



16.2660, 23.5329, 12.0447

Inverse Universe

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



158.3830, 13.1222, 84.7331



139.1770, 15.6887, 101.5768



195.0290, -44.8773, -72.8164



119.6850, 1.1413, 7.2923



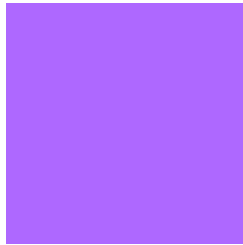
68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 142.1440, 55.6380, 27.9377 looks on a white background.

Color Contrast Check

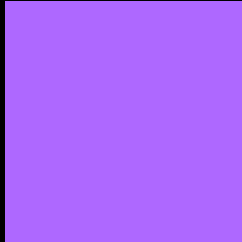
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.1440, 55.6380, 27.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

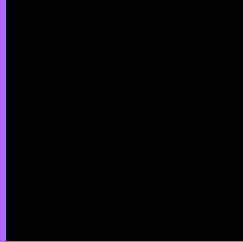
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.1440, 55.6380, 27.9377

Background



This preview shows how black text looks on a background with the YUV color 142.1440, 55.6380, 27.9377.



This preview shows how white text looks on a background with the YUV color 142.1440, 55.6380, 27.9377.

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

142.1440, 55.6380, 27.9377

Protanopia

132.5230, 60.3812, -46.9397

Deuteranopia

124.3690, 60.4571, -71.3606



Tritanopia

140.9350, 2.0040, 10.5810

Trichromacy



Original Color

142.1440, 55.6380, 27.9377



Protanomaly

135.9440, 58.6946, -19.2449



Deuteranomaly

130.8450, 58.7434, -34.9441



Tritanomaly

141.4300, 21.4800, 17.1629

Monochromacy



Original Color

142.1440, 55.6380, 27.9377



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.0440, 20.1913, 10.4854

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1440, 55.6380, 27.9377 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(174, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 104, 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(174, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 104, 255) }
```

Border

The CSS property to change the border of an element to YUV 142.1440, 55.6380, 27.9377 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(174, 104, 255) }
```


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

```
.border{ border-color:rgb(174, 104, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 104, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 104,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 142.1440, 55.6380, 27.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 104, 255) }
```

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

```
.background{ background-color: rgb(174,  
104, 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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