

Converting Colors

YUV(138.6110, 57.3798,
29.2822)

Have a look what the booklet for
YUV(138.6110, 57.3798, 29.2822)
contains.

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Color

**YUV(138.6110, 57.3798,
29.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	AC63FF
RGB	172, 99, 255
RGB Percent	67%, 39%, 100%
CMY	0.3255, 0.6118, 0.0000
CMYK	0.33, 0.61, 0.00, 0.00
HSL	268°, 100%, 69%
HSV	268°, 61%, 100%
XYZ	39.5251, 24.9143, 97.3335
YIQ	138.6110, -6.5680, 63.9920

Conversions

Conversions Part 2

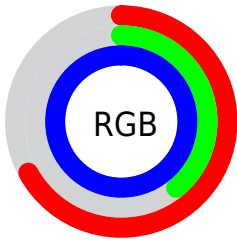
Format	Color
R _Y B	172, 99, 255
Decimal	11297791
CIE Lab	56.99, 58.59, -66.81
CIE LCh	57, 88.862, 311.246
Yxy	24.9143, 0.2443, 0.1540
Android (android.graphics.Color)	4289487871 (0xFFAC63FF)
YUV	138.6110, 57.3798, 29.2822
Hunter-Lab	49.9143, 53.9970, -80.6763

Details

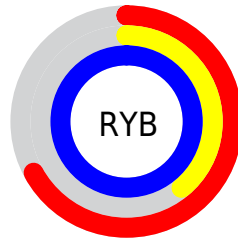
The YUV color **138.6110, 57.3798, 29.2822** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **215.3890, -57.3798, -29.2822**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9500, 33.0557, 37.7549**, and **83.5460, 55.9328, 26.7082** is the 20% darker color. If you saturate the color by 10%, you get **119.1630, 66.9676, 34.0600**, and if you desaturate by 10%, it is **157.4720, 48.0813, 25.0191**.

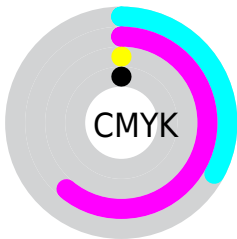
Distribution



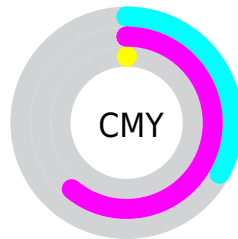
- Red (67%)
- Green (39%)
- Blue (100%)



- Red (67%)
- Yellow (39%)
- Blue (100%)



- Cyan (33%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.6110, 57.3798, 29.2822 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 138.6110, 57.3798, 29.2822 by changing the saturation by 10% instead.

138.6110, 57.3798,
29.2822

138.6110, 57.3798,
29.2822

255.0000, 0.0000,
0.0000

111.3720, 56.5116,
27.7378

187.9500, 33.0557,
37.7549

83.5460, 55.9328,
26.7082

211.5620, 21.4149,
38.0951

52.6000, 57.3852,
27.5378

227.9980, 13.3120,
23.6808

32.0350, 54.2127,
18.3863

245.0210, 4.9196,
8.7516

15.9150, 49.3419,
-6.0645

10.2600, 39.3118,
-8.9980

10.4590, 27.3817,

-9.1725

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 138.6110, 57.3798,
29.2822

■ 138.6110, 57.3798,
29.2822

■ 119.1630, 66.9676,
34.0600

■ 157.4720, 48.0813,
25.0191

■ 100.6010, 76.1187,
38.9379

■ 176.6210, 38.6408,
19.6264

■ 81.1530, 85.7066,
43.7158

■ 196.0690, 29.0530,
14.8485

■ 64.6510, 93.8421,
47.6641

■ 214.6310, 19.9019,
9.9706

■ 234.0790, 10.3141,
5.1927

■ 252.6410, 1.1630,
0.3148

■ 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.



110.0760, 71.4475, -96.5367



138.6110, 57.3798, 29.2822



118.7650, 34.1329, 112.4621

Triad

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



138.6110, 57.3798, 29.2822



128.8000, -63.4984, 66.8274



118.0130, 23.1646, -103.4974

Complementary

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



138.6110, 57.3798, 29.2822



215.3890, -57.3798, -29.2822

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.



106.9040, -11.7847, -93.7548



138.6110, 57.3798, 29.2822



125.8010, -62.0199, 12.4525

Square

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



138.6110, 57.3798, 29.2822



119.5420, -41.6792, 115.2887



103.7980, -51.1724, -60.3358



125.7480, 55.3402, -110.2810

Rectangle

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



138.6110, 57.3798, 29.2822



91.8630, 22.2525, 143.0711



103.7980, -51.1724, -60.3358



114.9350, 11.3710, -100.7980

Sweetspot

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



138.6110, 57.3798, 29.2822



220.8220, 16.8498, 8.9261



165.5050, 44.1210, -58.3249



106.4920, 10.6034, 5.7075



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.



138.6110, 57.3798, 29.2822



116.2170, 68.4200, 34.8897



161.9330, 45.8820, 77.2348



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.



155.1060, 13.2587, 87.6070



135.9000, 15.8253, 104.4507



192.0670, -45.8820, -77.2348



119.6850, 1.1413, 7.2923



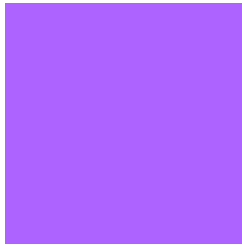
68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 138.6110, 57.3798, 29.2822 looks on a white background.

Color Contrast Check

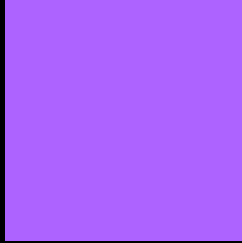
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6110, 57.3798, 29.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

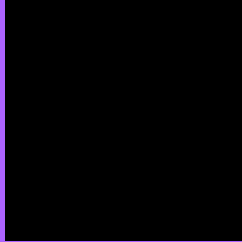
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6110, 57.3798, 29.2822

Background



This preview shows how black text looks on a background with the YUV color 138.6110, 57.3798, 29.2822.



This preview shows how white text looks on a background with the YUV color 138.6110, 57.3798,

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

138.6110, 57.3798, 29.2822

Protanopia

128.3700, 62.4286, -50.3135

Deuteranopia

113.3390, 65.8949, -88.8743



Tritanopia

137.9350, 2.0040, 10.5810

Trichromacy



Original Color

138.6110, 57.3798, 29.2822

Protanomaly

132.3890, 60.4472, -21.3892

Deuteranomaly

122.2180, 62.9965, -45.7952

Tritanomaly

137.9570, 22.2062, 17.5777

Monochromacy



Original Color

138.6110, 57.3798, 29.2822

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.5710, 20.9175, 10.9002

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6110, 57.3798, 29.2822 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(172, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 99, 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(172, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 99, 255) }
```

Border

The CSS property to change the border of an element to YUV 138.6110, 57.3798, 29.2822 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(172, 99, 255) }
```


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

```
.border{ border-color:rgb(172, 99, 255) }
```

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

Here you see how a box with a 4 pixel rgb(172, 99, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 99,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 138.6110, 57.3798, 29.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 99, 255) }
```

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

```
.background{ background-color: rgb(172, 99,  
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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