

Converting Colors

YUV(142.8800, 39.0062,
-4.2798)

Have a look what the booklet for
YUV(142.8800, 39.0062, -4.2798)
contains.

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Color

**YUV(142.8800, 39.0062,
-4.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	8A82DE
RGB	138, 130, 222
RGB Percent	54%, 51%, 87%
CMY	0.4588, 0.4902, 0.1294
CMYK	0.38, 0.41, 0.00, 0.13
HSL	245°, 58%, 69%
HSV	245°, 41%, 87%
XYZ	31.6487, 26.6425, 72.5817
YIQ	142.8800, -24.7640, 30.3080

Conversions

Conversions Part 2

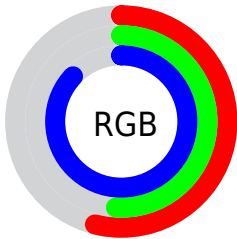
Format	Color
R _Y B	138, 130, 222
Decimal	9077470
CIE Lab	58.64, 24.83, -46.02
CIE LCh	59, 52.287, 298.346
Yxy	26.6425, 0.2418, 0.2036
Android (android.graphics.Color)	4287267550 (0xFF8A82DE)
YUV	142.8800, 39.0062, -4.2798
Hunter-Lab	51.6163, 19.1191, -47.2408

Details

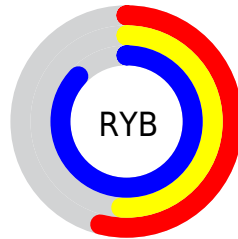
The YUV color $142.8800, 39.0062, -4.2798$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $209.1200, -39.0062, 4.2798$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.4970, 29.8280, -0.4359$, and $91.2880, 36.8330, -7.2686$ is the 20% darker color. If you saturate the color by 10%, you get $123.9860, 48.3209, -5.2497$, and if you desaturate by 10%, it is $161.7740, 29.6914, -3.3098$.

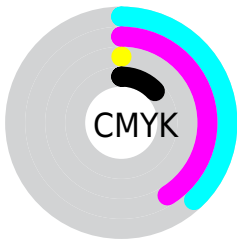
Distribution



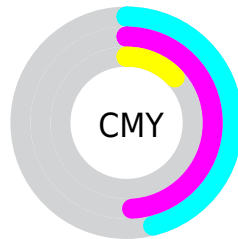
- Red (54%)
- Green (51%)
- Blue (87%)



- Red (54%)
- Yellow (51%)
- Blue (87%)



- Cyan (38%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8800, 39.0062, -4.2798 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 142.8800, 39.0062, -4.2798 by changing the saturation by 10% instead.

■ 142.8800, 39.0062,
-4.2798

■ 142.8800, 39.0062,
-4.2798

255.0000, 0.0000,
0.0000

■ 116.9400, 37.9906,
-5.2094

■ 194.4970, 29.8280,
-0.4359

■ 91.2880, 36.8330,
-7.2686

■ 219.6040, 17.4502,
2.9783

■ 66.4510, 36.2597,
-10.0425

■ 245.0100, 4.9251,
7.0072

■ 41.3040, 35.8391,
-15.1756

■ 19.4240, 33.8080,
-17.0348

■ 7.4100, 28.3919,
-6.4986

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 142.8800, 39.0062,
-4.2798

■ 142.8800, 39.0062,
-4.2798

■ 123.9860, 48.3209,
-5.2497

■ 161.7740, 29.6914,
-3.3098

■ 104.7930, 57.7831,
-6.8345

■ 180.9670, 20.2293,
-1.7251

■ 85.3120, 67.3872,
-7.2896

■ 200.4480, 10.6251,
-1.2699

■ 66.4180, 76.7019,
-8.2596

■ 219.3420, 1.3104,
-0.2999

■ 47.5240, 86.0167,
-9.2295

■ 238.2360, -8.0043,
0.6700

■ 30.9890, 94.1684,
-10.5144

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



112.8510, 59.2335, -98.9703



142.8800, 39.0062, -4.2798



145.1220, 22.1249, 43.7430

Triad

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



142.8800, 39.0062, -4.2798



138.3190, -37.1323, 56.7252



111.2990, 12.6706, -97.6092

Complementary

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



142.8800, 39.0062, -4.2798



209.1200, -39.0062, 4.2798

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.



121.6470, -15.1090, -54.0644



142.8800, 39.0062, -4.2798



136.1400, -45.9180, 27.9412

Square

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



142.8800, 39.0062, -4.2798



139.1250, -19.2886, 73.5584



131.6840, -37.8052, -7.6159



116.5430, 32.7633, -102.2082

Rectangle

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



142.8800, 39.0062, -4.2798



142.8120, 8.9667, 64.1859



131.6840, -37.8052, -7.6159



108.8880, 5.9712, -95.4948

Sweetspot

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



142.8800, 39.0062, -4.2798



228.4310, 13.0985, -1.2550



189.7960, 15.8766, -52.4411



112.3510, 7.7150, -1.1848



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.



142.8800, 39.0062, -4.2798



145.7670, 53.8519, -5.9347



156.6340, 32.2254, 24.0000



102.5530, 4.6574, -0.4850



24.5490, 74.6653, -8.3745



6.6680, 20.3767, -2.3398

Inverse Universe

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



167.0840, 23.1296, 48.1613



179.1970, 31.9479, 66.4792



195.3660, -32.2254, -24.0000



105.4290, 2.7465, 5.7628



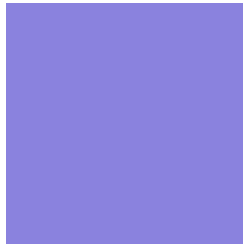
70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 142.8800, 39.0062, -4.2798 looks on a white background.

Color Contrast Check

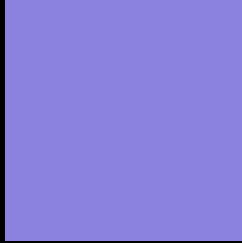
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.8800, 39.0062, -4.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

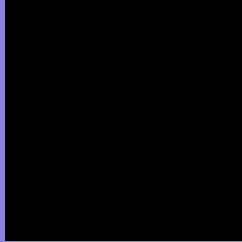
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.8800, 39.0062, -4.2798

Background



This preview shows how black text looks on a background with the YUV color 142.8800, 39.0062, -4.2798.



This preview shows how white text looks on a background with the YUV color 142.8800, 39.0062, -4.2798.

-4.2798.

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

142.8800, 39.0062, -4.2798

Protanopia

138.5070, 44.6130, -29.3856

Deuteranopia

137.4480, 40.6981, -33.7189



Tritanopia

139.0890, 8.3371, -14.1101

Trichromacy



Original Color

142.8800, 39.0062, -4.2798

Protanomaly

139.9920, 42.4019, -20.1640

Deuteranomaly

139.4000, 40.2288, -23.1528

Tritanomaly

140.3850, 19.5302, -10.8616

Monochromacy



Original Color

142.8800, 39.0062, -4.2798

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7730, 14.4089, -1.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8800, 39.0062, -4.2798 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(138, 130, 222)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 222)  
}
```

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(138, 130, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 222) }
```

Border

The CSS property to change the border of an element to YUV 142.8800, 39.0062, -4.2798 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(138, 130, 222) }
```


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

```
.border{ border-color:rgb(138, 130, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 222);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 142.8800, 39.0062, -4.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 222) }
```

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

```
.background{ background-color: rgb(138,  
130, 222) }
```

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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