

Converting Colors

YUV(138.7400, 34.6382,
-3.2800)

Have a look what the booklet for
YUV(138.7400, 34.6382, -3.2800)
contains.

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Color

**YUV(138.7400, 34.6382,
-3.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	877FD1
RGB	135, 127, 209
RGB Percent	53%, 50%, 82%
CMY	0.4706, 0.5020, 0.1804
CMYK	0.35, 0.39, 0.00, 0.18
HSL	246°, 47%, 66%
HSV	246°, 39%, 82%
XYZ	29.0897, 24.9331, 63.6010
YIQ	138.7400, -21.5540, 27.1980

Conversions

Conversions Part 2

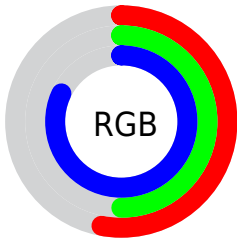
Format	Color
R _Y B	135, 127, 209
Decimal	8880081
CIE Lab	57.01, 22.25, -41.31
CIE LCh	57, 46.919, 298.315
Yxy	24.9331, 0.2473, 0.2120
Android (android.graphics.Color)	4287070161 (0xFF877FD1)
YUV	138.7400, 34.6382, -3.2800
Hunter-Lab	49.9330, 16.6065, -40.5660

Details

The YUV color **138.7400, 34.6382, -3.2800** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **197.2600, -34.6382, 3.2800**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8390, 31.1384, -0.7358**, and **87.5610, 32.7544, -5.7540** is the 20% darker color. If you saturate the color by 10%, you get **120.7320, 43.5161, -4.1500**, and if you desaturate by 10%, it is **156.7480, 25.7602, -2.4100**.

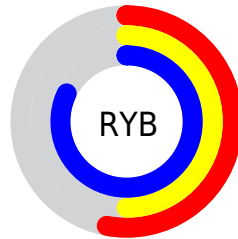
Distribution



Red (53%)

Green (50%)

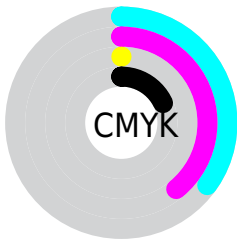
Blue (82%)



Red (53%)

Yellow (50%)

Blue (82%)

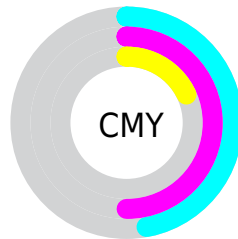


Cyan (35%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (47%)

Magenta (50%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7400, 34.6382, -3.2800 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 138.7400, 34.6382, -3.2800 by changing the saturation by 10% instead.

■ 138.7400, 34.6382,
-3.2800

■ 138.7400, 34.6382,
-3.2800

■ 255.0000, 0.0000,
0.0000

■ 112.8000, 33.6226,
-4.2096

■ 191.8390, 31.1384,
-0.7358

■ 87.5610, 32.7544,
-5.7540

■ 216.0600, 19.1974,
2.5784

■ 63.3220, 31.8863,
-7.2984

■ 241.7540, 6.5303,
5.4777

■ 39.3600, 30.8815,
-11.7167

■ 17.1100, 30.0188,
-15.0055

■ 6.1560, 23.5871,
-5.3988

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 138.7400, 34.6382,
-3.2800

■ 138.7400, 34.6382,
-3.2800

■ 120.7320, 43.5161,
-4.1500

■ 156.7480, 25.7602,
-2.4100

■ 102.7240, 52.3941,
-5.0199

■ 174.7560, 16.8823,
-1.5400

■ 84.7160, 61.2720,
-5.8899

■ 192.7640, 8.0043,
-0.6700

■ 67.0070, 70.0025,
-6.1451

■ 210.4730, -0.7262,
-0.4148

■ 48.9990, 78.8805,
-7.0151

■ 227.8940, -9.3147,
0.9700

■ 31.5780, 87.4690,
-8.3999

■ 245.9020,
-18.1927, 1.8399

■ 29.8060, 88.3426,
-8.5999

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



121.0630, 47.7899, -68.4613



138.7400, 34.6382, -3.2800



140.9920, 19.2309, 38.5950

Triad

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



138.7400, 34.6382, -3.2800



135.6110, -33.3322, 51.2072



107.3210, 12.6597, -94.1205

Complementary

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



138.7400, 34.6382, -3.2800



197.2600, -34.6382, 3.2800

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.



120.6310, -14.1151, -46.1574



138.7400, 34.6382, -3.2800



132.9100, -40.3816, 25.5119

Square

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



138.7400, 34.6382, -3.2800



136.1240, -17.8091, 65.6663



128.8350, -33.4427, -6.8713



111.9950, 30.5685, -98.2196

Rectangle

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



138.7400, 34.6382, -3.2800



139.1270, 7.8254, 56.8936



128.8350, -33.4427, -6.8713



105.1380, 6.8340, -92.2060

Sweetspot

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



138.7400, 34.6382, -3.2800



228.4310, 13.0985, -1.2550



180.3730, 14.1131, -46.8081



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.



138.7400, 34.6382, -3.2800



152.2680, 50.6469, -4.6200



150.7000, 28.7419, 21.3111



95.5530, 4.6574, -0.4850



23.9360, 71.0236, -6.9599



5.8700, 17.3191, -1.6400

Inverse Universe

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



159.9540, 20.2357, 43.0133



183.1920, 29.4853, 62.9756



185.3000, -28.7419, -21.3111



98.4290, 2.7465, 5.7628



67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 138.7400, 34.6382, -3.2800 looks on a white background.

Color Contrast Check

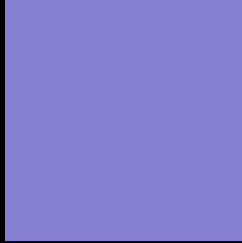
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7400, 34.6382, -3.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

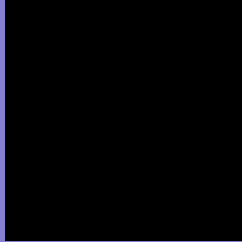
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.7400, 34.6382, -3.2800

Background



This preview shows how black text looks on a background with the YUV color 138.7400, 34.6382, -3.2800.



This preview shows how white text looks on a background with the YUV color 138.7400, 34.6382, -3.2800.

-3.2800.

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

138.7400, 34.6382, -3.2800

Protanopia

134.8620, 39.5080, -25.3120

Deuteranopia

134.2270, 35.8771, -27.3861



Tritanopia

135.1710, 7.3107, -11.5510

Trichromacy



Original Color

138.7400, 34.6382, -3.2800

Protanomaly

136.1620, 37.8811, -16.8051

Deuteranomaly

136.1680, 35.4132, -18.5643

Tritanomaly

136.7120, 16.9040, -8.5174

Monochromacy



Original Color

138.7400, 34.6382, -3.2800

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2030, 12.2249, -1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7400, 34.6382, -3.2800 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(135, 127, 209)` looks like.

```
.text, #text, p{  
    color:rgb(135, 127, 209)  
}
```

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(135, 127, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 127, 209) }
```

Border

The CSS property to change the border of an element to YUV 138.7400, 34.6382, -3.2800 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(135, 127, 209) }
```


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

```
.border{ border-color:rgb(135, 127, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 127, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 127, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 127, 209);  
box-shadow:4px 4px 4px 4px rgb(135, 127,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 138.7400, 34.6382, -3.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 127, 209) }
```

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

```
.background{ background-color: rgb(135,  
127, 209) }
```

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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