

Converting Colors

YUV(139.5760, 56.9040,
-4.8902)

Have a look what the booklet for
YUV(139.5760, 56.9040, -4.8902)
contains.

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Color

**YUV(139.5760, 56.9040,
-4.8902)**

Conversions

Conversions Part 1

Format	Color
Hex	8678FF
RGB	134, 120, 255
RGB Percent	53%, 47%, 100%
CMY	0.4745, 0.5294, 0.0000
CMYK	0.47, 0.53, 0.00, 0.00
HSL	246°, 100%, 74%
HSV	246°, 53%, 100%
XYZ	34.5980, 25.7213, 97.7489
YIQ	139.5760, -34.9910, 44.9530

Conversions

Conversions Part 2

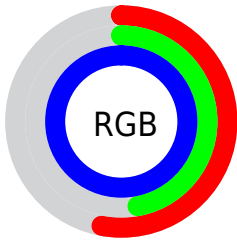
Format	Color
RYB	134, 120, 255
Decimal	8812799
CIELab	57.77, 39.02, -65.74
CIElCh	58, 76.454, 300.692
Yxy	25.7213, 0.2189, 0.1627
Android (android.graphics.Color)	4287002879 (0xFF8678FF)
YUV	139.5760, 56.9040, -4.8902
Hunter-Lab	50.7161, 33.0174, -78.7726

Details

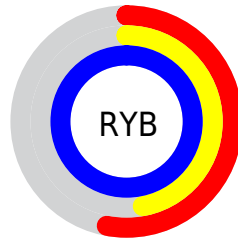
The YUV color **139.5760, 56.9040, -4.8902** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **235.4240, -56.9040, 4.8902**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3280, 32.8693, 4.0973**, and **85.9620, 54.7417, -11.3677** is the 20% darker color. If you saturate the color by 10%, you get **118.0240, 67.5292, -6.1600**, and if you desaturate by 10%, it is **161.7150, 45.9895, -4.1351**.

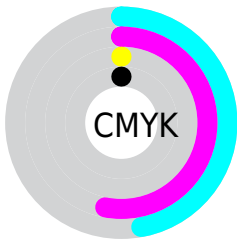
Distribution



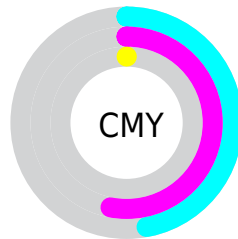
- Red (53%)
- Green (47%)
- Blue (100%)



- Red (53%)
- Yellow (47%)
- Blue (100%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5760, 56.9040, -4.8902 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 139.5760, 56.9040, -4.8902 by changing the saturation by 10% instead.

■ 139.5760, 56.9040,
-4.8902

■ 139.5760, 56.9040,
-4.8902

255.0000, 0.0000,
0.0000

■ 112.6250, 55.8939,
-7.5641

■ 188.3280, 32.8693,
4.0973

■ 85.9620, 54.7417,
-11.3677

■ 213.1470, 20.6335,
8.6411

■ 57.9070, 54.7688,
-20.0894

■ 238.8520, 7.9610,
13.2848

■ 32.0370, 54.2118,
-28.0964

■ 17.3330, 48.6428,
-15.2010

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 139.5760, 56.9040,
-4.8902

■ 139.5760, 56.9040,
-4.8902

■ 118.0240, 67.5292,
-6.1600

■ 161.7150, 45.9895,
-4.1351

■ 95.8850, 78.4437,
-6.9151

■ 183.2670, 35.3644,
-2.8652

■ 74.3330, 89.0688,
-8.1850

■ 204.8190, 24.7392,
-1.5953

■ 52.4930, 99.8360,
-8.3254

■ 226.6590, 13.9721,
-1.4549

■ 36.8440, 107.5509,
-9.5102

■ 248.7980, 3.0576,
-0.6998

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.



115.3590, 68.8430, -101.1698



139.5760, 56.9040, -4.8902



137.8600, 33.1000, 70.2828

Triad

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



139.5760, 56.9040, -4.8902



128.8660, -63.5309, 77.2935



114.3480, 11.6604, -100.2832

Complementary

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



139.5760, 56.9040, -4.8902



235.4240, -56.9040, 4.8902

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.



104.0200, -17.7579, -91.2255



139.5760, 56.9040, -4.8902



130.0530, -64.1161, 31.5255

Square

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



139.5760, 56.9040, -4.8902



127.0260, -25.6488, 106.9712



119.9990, -59.1595, -18.4161



122.1000, 41.3627, -107.0817

Rectangle

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



139.5760, 56.9040, -4.8902



129.1170, 16.7043, 102.5064



119.9990, -59.1595, -18.4161



111.1390, 1.9035, -97.4689

Sweetspot

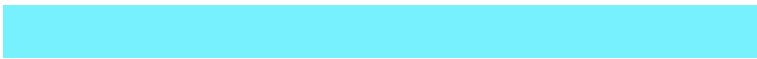
The Sweet Spot groups the original color and five complimentary colors.



139.5760, 56.9040, -4.8902



219.8700, 17.3191, -1.6400



206.4170, 23.9514, -75.7877



106.7470, 10.4777, -0.6551



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.



139.5760, 56.9040, -4.8902



115.6650, 68.6922, -5.8452



159.6090, 47.0278, 36.2999



116.7810, 5.5310, -0.6849



27.7540, 80.4803, -6.8003



9.3890, 26.9232, -2.0952

Inverse Universe

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



174.1590, 32.9526, 70.8976



157.3810, 39.7452, 85.6119



215.3910, -47.0278, -36.2999



120.1410, 2.8885, 6.8923



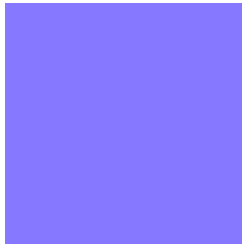
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 139.5760, 56.9040, -4.8902 looks on a white background.

Color Contrast Check

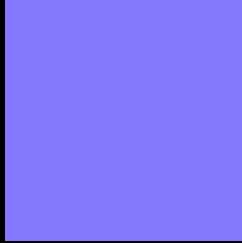
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5760, 56.9040, -4.8902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

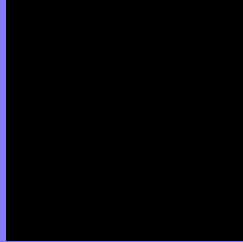
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.5760, 56.9040, -4.8902

Background



This preview shows how black text looks on a background with the YUV color 139.5760, 56.9040, -4.8902.



This preview shows how white text looks on a background with the YUV color 139.5760, 56.9040, -4.8902.

-4.8902.

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

139.5760, 56.9040, -4.8902

Protanopia

130.4520, 61.4022, -47.7544

Deuteranopia

111.2670, 68.3954, -97.5812



Tritanopia

134.5930, 10.5537, -25.0761

Trichromacy



Original Color

139.5760, 56.9040, -4.8902

Protanomaly

133.7960, 59.7536, -32.2701

Deuteranomaly

121.4500, 64.3612, -63.5386

Tritanomaly

136.4040, 27.4088, -17.8943

Monochromacy



Original Color

139.5760, 56.9040, -4.8902

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0810, 20.6661, -1.8250

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5760, 56.9040, -4.8902 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(134, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 120, 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(134, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 120, 255) }
```

Border

The CSS property to change the border of an element to YUV 139.5760, 56.9040, -4.8902 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(134, 120, 255) }
```


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

```
.border{ border-color:rgb(134, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 120,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 139.5760, 56.9040, -4.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 120, 255) }
```

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

```
.background{ background-color: rgb(134,  
120, 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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