

Converting Colors

YUV(133.1860, 55.1243, 5.9759)

Have a look what the booklet for
YUV(133.1860, 55.1243, 5.9759)
contains.

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Color

**YUV(133.1860, 55.1243,
5.9759)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8C6CF5 |
| RGB | 140, 108, 245 |
| RGB Percent | 55%, 42%, 96% |
| CMY | 0.4510, 0.5765, 0.0392 |
| CMYK | 0.43, 0.56, 0.00, 0.04 |
| HSL | 254°, 87%, 69% |
| HSV | 254°, 56%, 96% |
| XYZ | 32.6592, 22.8931, 89.0837 |
| YIQ | 133.1860, -24.9050, 49.3910 |

Conversions

Conversions Part 2

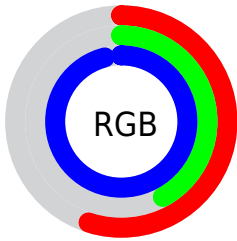
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 140, 108, 245 |
| Decimal | 9202933 |
| CIE _{Lab} | 54.96, 44.34, -64.71 |
| CIE _{LCh} | 55, 78.441, 304.418 |
| Y _{xy} | 22.8931, 0.2258, 0.1583 |
| Android (android.graphics.Color) | 4287393013 (0xFF8C6CF5) |
| Y _{UV} | 133.1860, 55.1243, 5.9759 |
| Hunter-Lab | 47.8468, 38.1085, -76.8965 |

Details

The YUV color **133.1860, 55.1243, 5.9759** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **219.8140, -55.1243, -5.9759**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4910, 35.7469, 14.4784**, and **80.2840, 53.1040, 0.6279** is the 20% darker color. If you saturate the color by 10%, you get **113.4170, 64.8704, 6.6503**, and if you desaturate by 10%, it is **152.9550, 45.3782, 5.3015**.

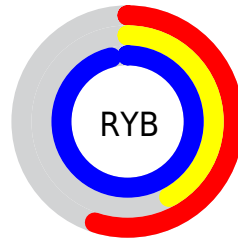
Distribution



Red (55%)

Green (42%)

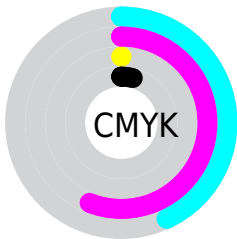
Blue (96%)



Red (55%)

Yellow (42%)

Blue (96%)

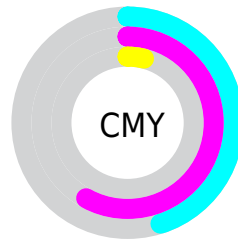


Cyan (43%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (45%)

Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1860, 55.1243, 5.9759 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 133.1860, 55.1243, 5.9759 by changing the saturation by 10% instead.

133.1860, 55.1243,
5.9759

133.1860, 55.1243,
5.9759

255.0000, 0.0000,
0.0000

106.5340, 53.9667,
3.9167

182.4910, 35.7469,
14.4784

80.2840, 53.1040,
0.6279

207.5980, 23.3692,
17.8926

53.1370, 52.6835,
-4.5051

232.1070, 11.2862,
20.0772

22.2060, 54.6214,
-19.4747

248.5430, 3.1833,
5.6628

12.1980, 46.7374,
-10.6976

9.3480, 35.8174,
-8.1982

9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 133.1860, 55.1243,
5.9759

■ 133.1860, 55.1243,
5.9759

■ 113.4170, 64.8704,
6.6503

■ 152.9550, 45.3782,
5.3015

■ 93.0610, 74.9059,
7.8395

■ 173.3110, 35.3427,
4.1123

■ 73.0040, 84.7940,
9.6435

■ 193.3680, 25.4546,
2.3083

■ 53.2350, 94.5401,
10.3179

■ 213.1370, 15.7085,
1.6339

■ 44.9730, 98.6133,
10.5477

■ 233.4930, 5.6730,
0.4446

■ 253.2620, -4.0732,
-0.2298

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



109.4890, 71.7369, -96.0219



133.1860, 55.1243, 5.9759



127.2850, 31.9045, 80.4341

Triad

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



133.1860, 55.1243, 5.9759



122.6310, -60.4571, 71.3606



110.4670, 14.5598, -96.8796

Complementary

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



133.1860, 55.1243, 5.9759



219.8140, -55.1243, -5.9759

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.



99.9110, -15.7321, -87.6219



133.1860, 55.1243, 5.9759



122.3340, -60.3107, 24.2631

Square

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



133.1860, 55.1243, 5.9759



118.4020, -29.2852, 106.6414



110.7850, -54.6170, -28.7524



117.5180, 44.1146, -103.0633

Rectangle

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



133.1860, 55.1243, 5.9759



115.2430, 15.6562, 112.0429



110.7850, -54.6170, -28.7524



107.1440, 4.3660, -93.9653

Sweetspot

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



133.1860, 55.1243, 5.9759



219.8920, 17.3082, 1.8487



185.2530, 29.4553, -67.7509



106.7580, 10.4723, 1.0892



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.



133.1860, 55.1243, 5.9759



115.4540, 68.7962, 7.4948



153.5180, 45.1006, 47.7807



112.2650, 4.7994, 0.6446



34.0610, 74.9059, 7.8395



10.9120, 23.7074, 2.7082

Inverse Universe

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



160.9330, 25.6690, 73.7268



150.0630, 32.0139, 92.0297



199.4820, -45.1006, -47.7807



114.7280, 2.5991, 6.3775



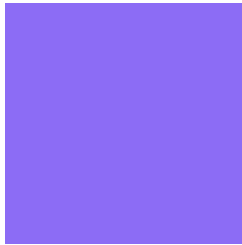
71.9160, 35.0444, 100.0517



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 133.1860, 55.1243, 5.9759 looks on a white background.

Color Contrast Check

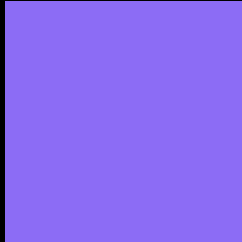
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1860, 55.1243, 5.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

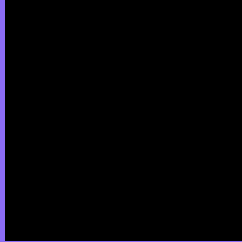
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.1860, 55.1243, 5.9759

Background



This preview shows how black text looks on a background with the YUV color 133.1860, 55.1243, 5.9759.



This preview shows how white text looks on a background with the YUV color 133.1860, 55.1243, 5.9759.

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

133.1860, 55.1243, 5.9759

Protanopia

119.7650, 66.6709, -57.6759

Deuteranopia

105.6760, 64.7427, -92.6779



Tritanopia

129.5730, 7.6055, -12.7805

Trichromacy



Original Color

133.1860, 55.1243, 5.9759



Protanomaly

124.4690, 62.3798, -34.6143



Deuteranomaly

115.9840, 61.1399, -56.9910



Tritanomaly

131.0850, 24.6081, -6.2135

Monochromacy



Original Color

133.1860, 55.1243, 5.9759



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2880, 20.0710, 2.3784

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1860, 55.1243, 5.9759 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(140, 108, 245)` looks like.

```
.text, #text, p{  
    color:rgb(140, 108, 245)  
}
```

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(140, 108, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 108, 245) }
```

Border

The CSS property to change the border of an element to YUV 133.1860, 55.1243, 5.9759 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(140, 108, 245) }
```


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

```
.border{ border-color:rgb(140, 108, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 108, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 108, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 108, 245); box-shadow:4px 4px 4px 4px rgb(140, 108, 245) }
```

Background

The CSS property to change the background color of an element to YUV 133.1860, 55.1243, 5.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 108, 245) }
```

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

```
.background{ background-color: rgb(140,  
108, 245) }
```

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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