

Converting Colors

YUV(159.8350, 40.5073,
-19.1493)

Have a look what the booklet for
YUV(159.8350, 40.5073, -19.1493)
contains.

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Color

**YUV(159.8350, 40.5073,
-19.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9BF2
RGB	138, 155, 242
RGB Percent	54%, 61%, 95%
CMY	0.4588, 0.3922, 0.0510
CMYK	0.43, 0.36, 0.00, 0.05
HSL	230°, 80%, 75%
HSV	230°, 43%, 95%
XYZ	38.2296, 35.2568, 88.7947
YIQ	159.8350, -38.0590, 23.4530

Conversions

Conversions Part 2

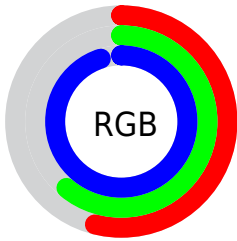
Format	Color
R _Y B	138, 153, 242
Decimal	9083890
CIE Lab	65.95, 15.86, -45.57
CIE LCh	66, 48.246, 289.189
Yxy	35.2568, 0.2356, 0.2173
Android (android.graphics.Color)	4287273970 (0xFF8A9BF2)
YUV	159.8350, 40.5073, -19.1493
Hunter-Lab	59.3774, 11.0151, -47.0998

Details

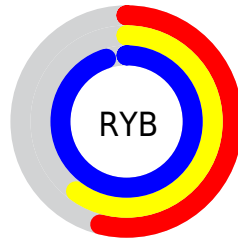
The YUV color **159.8350, 40.5073, -19.1493** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **220.1650, -40.5073, 19.1493**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0580, 22.1564, -13.2059**, and **106.6560, 38.6236, -21.6233** is the 20% darker color. If you saturate the color by 10%, you get **140.9190, 49.8329, -23.6080**, and if you desaturate by 10%, it is **178.7510, 31.1818, -14.6906**.

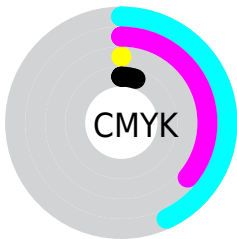
Distribution



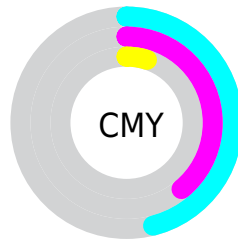
- Red (54%)
- Green (61%)
- Blue (95%)



- Red (54%)
- Yellow (60%)
- Blue (95%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (39%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8350, 40.5073, -19.1493 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 159.8350, 40.5073, -19.1493 by changing the saturation by 10% instead.

■ 159.8350, 40.5073,
-19.1493

■ 159.8350, 40.5073,
-19.1493

255.0000, 0.0000,
0.0000

■ 132.8950, 39.4918,
-20.0789

■ 210.0580, 22.1564,
-13.2059

■ 106.6560, 38.6236,
-21.6233

■ 235.1650, 9.7787,
-9.7917

■ 80.5200, 38.1976,
-25.0120

254.7010, 0.1474,
-0.6148

■ 52.6820, 39.1038,
-35.6781

■ 33.8030, 35.5931,
-29.6452

■ 19.2130, 30.4610,
-16.8498

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 159.8350, 40.5073,
-19.1493

■ 159.8350, 40.5073,
-19.1493

■ 140.9190, 49.8329,
-23.6080

■ 178.7510, 31.1818,
-14.6906

■ 122.0030, 59.1585,
-28.0666

■ 197.6670, 21.8562,
-10.2320

■ 102.2010, 68.9209,
-32.6253

■ 217.4690, 12.0938,
-5.6733

■ 83.2850, 78.2465,
-37.0839

■ 236.3850, 2.7682,
-1.2146

■ 64.3690, 87.5721,
-41.5426

■ 253.5180, -5.6784,
1.2997

■ 51.0680, 94.1295,
-44.7866

Harmonies

Analogous

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



133.1130, 55.1603, -99.2001



159.8350, 40.5073, -19.1493



164.9460, 25.6626, 28.9884

Triad

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



159.8350, 40.5073, -19.1493



159.8340, -31.4702, 60.6586



127.9310, 7.4290, -96.4095

Complementary

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



159.8350, 40.5073, -19.1493



220.1650, -40.5073, 19.1493

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.



147.2320, -22.2994, -34.4065



159.8350, 40.5073, -19.1493



157.0470, -41.4352, 36.7928

Square

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



159.8350, 40.5073, -19.1493



161.0090, -13.3154, 71.0291



153.5330, -38.7168, 4.7946



128.1520, 29.0121, -112.3893

Rectangle

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



159.8350, 40.5073, -19.1493



164.5870, 13.5146, 52.1052



153.5330, -38.7168, 4.7946



139.0890, -5.4669, -66.7301

Sweetspot

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



159.8350, 40.5073, -19.1493



228.6970, 12.9674, -5.8733



208.9660, 7.9048, -62.2372



111.1550, 8.3046, -3.6439



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.



159.8350, 40.5073, -19.1493



150.0760, 51.7275, -24.6227



160.3210, 40.2677, 11.1195



110.5420, 4.6628, -2.2293



38.5860, 71.6891, -33.8399



11.6670, 21.8562, -10.2320

Inverse Universe

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



171.0340, -7.9048, 62.2372



164.2750, -9.9956, 79.5658



219.6790, -40.2677, -11.1195



111.8160, -0.8953, 7.1774



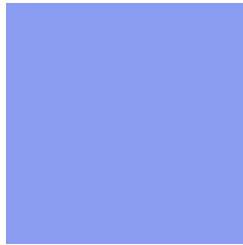
58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 159.8350, 40.5073, -19.1493 looks on a white background.

Color Contrast Check

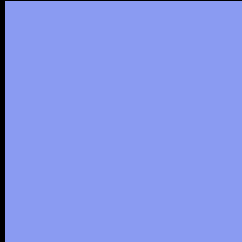
Large Text (above 18pt) WCAG AA × Fail

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 159.8350, 40.5073, -19.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

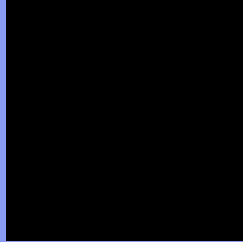
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8350, 40.5073, -19.1493 Background



This preview shows how black text looks on a background with the YUV color 159.8350, 40.5073, -19.1493.



This preview shows how white text looks on a background with the YUV color 159.8350, 40.5073, -19.1493.

-19.1493.

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

159.8350, 40.5073, -19.1493

Protanopia

158.5460, 42.1288, -25.9118

Deuteranopia

157.2850, 41.2715, -30.9449



Tritanopia

155.1410, 12.7485, -29.0647

Trichromacy



Original Color

159.8350, 40.5073, -19.1493

Protanomaly

158.7420, 41.5392, -23.4527

Deuteranomaly

158.4920, 40.6764, -26.7415

Tritanomaly

157.0950, 22.6312, -25.5163

Monochromacy



Original Color

159.8350, 40.5073, -19.1493

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8540, 14.8620, -6.8880

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8350, 40.5073, -19.1493 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, 155, 242)` looks like.

```
.text, #text, p{  
    color:rgb(138, 155, 242)  
}
```

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, 155, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 155, 242) }
```

Border

The CSS property to change the border of an element to YUV 159.8350, 40.5073, -19.1493 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, 155, 242) }
```


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

```
.border{ border-color:rgb(138, 155, 242) }
```

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

Here you see how a box with a 4 pixel rgb(138, 155, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 155, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 155, 242);  
box-shadow:4px 4px 4px 4px rgb(138, 155,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 159.8350, 40.5073, -19.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 155, 242) }
```

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

```
.background{ background-color: rgb(138,  
155, 242) }
```

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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