

Converting Colors

YUV(159.0820, 35.9486,
-3.5799)

Have a look what the booklet for
YUV(159.0820, 35.9486, -3.5799)
contains.

YUV(159.0820, 35.9486, -3.5799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.0820, 35.9486,
-3.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	9B93E8
RGB	155, 147, 232
RGB Percent	61%, 58%, 91%
CMY	0.3922, 0.4235, 0.0902
CMYK	0.33, 0.37, 0.00, 0.09
HSL	246°, 65%, 74%
HSV	246°, 37%, 91%
XYZ	38.5168, 33.6622, 80.8113
YIQ	159.0820, -22.5170, 28.1310

Conversions

Conversions Part 2

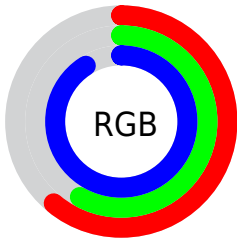
Format	Color
R_{YB}	155, 147, 232
Decimal	10195944
CIE _{Lab}	64.69, 22.19, -41.95
CIE _{LCh}	65, 47.458, 297.874
Yxy	33.6622, 0.2518, 0.2200
Android (android.graphics.Color)	4288386024 (0xFF9B93E8)
YUV	159.0820, 35.9486, -3.5799
Hunter-Lab	58.0191, 16.9661, -41.9681

Details

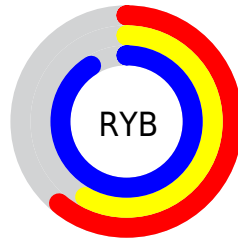
The YUV color **159.0820, 35.9486, -3.5799** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **219.9180, -35.9486, 3.5799**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1460, 22.1130, 0.7490**, and **106.6150, 34.2068, -4.9244** is the 20% darker color. If you saturate the color by 10%, you get **139.3020, 45.7001, -4.6499**, and if you desaturate by 10%, it is **178.8620, 26.1970, -2.5100**.

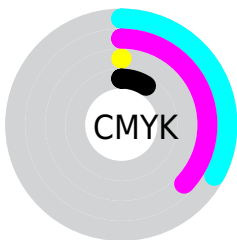
Distribution



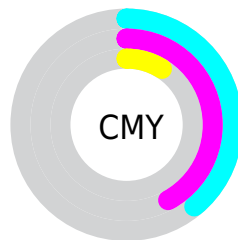
- Red (61%)
- Green (58%)
- Blue (91%)



- Red (61%)
- Yellow (58%)
- Blue (91%)



- Cyan (33%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (39%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0820, 35.9486, -3.5799 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 159.0820, 35.9486, -3.5799 by changing the saturation by 10% instead.

■ 159.0820, 35.9486,
-3.5799

■ 159.0820, 35.9486,
-3.5799

■ 255.0000, 0.0000,
0.0000

■ 132.5550, 35.2224,
-3.9947

■ 210.1460, 22.1130,
0.7490

■ 106.6150, 34.2068,
-4.9244

■ 235.2530, 9.7353,
4.1631

■ 81.9630, 33.0492,
-6.9836

■ 57.4250, 32.3285,
-9.1427

■ 32.2670, 31.9134,
-16.0202

■ 12.4310, 29.8605,
-10.9020

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 159.0820, 35.9486,
-3.5799

■ 159.0820, 35.9486,
-3.5799

■ 139.3020, 45.7001,
-4.6499

■ 178.8620, 26.1970,
-2.5100

■ 119.5220, 55.4517,
-5.7198

■ 198.6420, 16.4455,
-1.4400

■ 99.1550, 65.4926,
-6.2749

■ 219.0090, 6.4046,
-0.8849

■ 79.3750, 75.2441,
-7.3449

■ 238.7890, -3.3470,
0.1850

■ 59.5950, 84.9957,
-8.4148

■ 252.3780,
-10.0464, 2.2995

■ 39.8150, 94.7472,
-9.4848

■ 33.0260, 98.0942,
-9.6698

Harmonies

Analogous

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



143.7970, 47.9211, -63.8430



159.0820, 35.9486, -3.5799



161.9320, 20.2465, 39.5246

Triad

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



159.0820, 35.9486, -3.5799



155.6930, -34.3586, 53.7662



121.8140, 14.8817, -106.8309

Complementary

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



159.0820, 35.9486, -3.5799



219.9180, -35.9486, 3.5799

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.



141.2890, -15.4255, -45.8575



159.0820, 35.9486, -3.5799



153.5790, -41.6974, 27.5562

Square

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



159.0820, 35.9486, -3.5799



157.3200, -18.3988, 68.1254



148.9060, -34.4637, -6.0566



126.7160, 33.6640, -111.1299

Rectangle

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



159.0820, 35.9486, -3.5799



160.1380, 7.8200, 58.6380



148.9060, -34.4637, -6.0566



127.7040, 5.0759, -88.3174

Sweetspot

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



159.0820, 35.9486, -3.5799



231.0890, 11.7881, -0.9551



202.4760, 14.5553, -48.6525



113.2370, 7.2782, -1.0848



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.



159.0820, 35.9486, -3.5799



158.7580, 47.4473, -5.0498



171.6400, 29.7575, 22.2407



104.6670, 5.0942, -0.5850



25.4890, 75.6809, -7.4449



7.3090, 21.5397, -2.0250

Inverse Universe

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



181.1930, 21.1039, 44.5577



188.0020, 27.6070, 58.7572



207.3600, -29.7575, -22.2407



107.8420, 3.0359, 6.2776



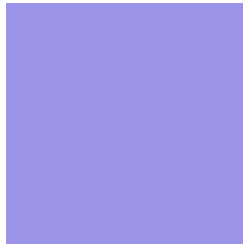
71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 159.0820, 35.9486, -3.5799 looks on a white background.

Color Contrast Check

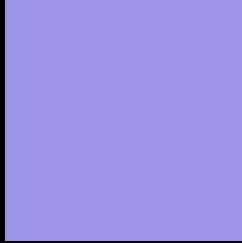
Large Text (above 18pt) WCAG AA × Fail

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 159.0820, 35.9486, -3.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

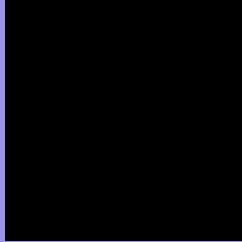
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.0820, 35.9486, -3.5799

Background



This preview shows how black text looks on a background with the YUV color 159.0820, 35.9486, -3.5799.



This preview shows how white text looks on a background with the YUV color 159.0820, 35.9486, -3.5799.

-3.5799.

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

159.0820, 35.9486, -3.5799

Protanopia

155.5030, 40.6710, -24.9971

Deuteranopia

155.4660, 36.7453, -25.8417



Tritanopia

155.3990, 8.1843, -11.7509

Trichromacy



Original Color

159.0820, 35.9486, -3.5799

Protanomaly

156.5040, 39.1915, -17.1050

Deuteranomaly

157.1080, 36.4288, -17.6347

Tritanomaly

157.0540, 18.2144, -8.8174

Monochromacy



Original Color

159.0820, 35.9486, -3.5799

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.4310, 13.0985, -1.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0820, 35.9486, -3.5799 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(155, 147, 232)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 232)  
}
```

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(155, 147, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 232) }
```

Border

The CSS property to change the border of an element to YUV 159.0820, 35.9486, -3.5799 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(155, 147, 232) }
```


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

```
.border{ border-color:rgb(155, 147, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 147, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 147, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 147, 232); box-shadow:4px 4px 4px 4px rgb(155, 147, 232) }
```

Background

The CSS property to change the background color of an element to YUV 159.0820, 35.9486, -3.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 232) }
```

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

```
.background{ background-color: rgb(155,  
147, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor