

Converting Colors

YUV(159.2530, 43.2593,
-15.1309)

Have a look what the booklet for
YUV(159.2530, 43.2593, -15.1309)
contains.

YUV(159.2530, 43.2593, -15.1309)	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(159.2530, 43.2593,
-15.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	8E97F7
RGB	142, 151, 247
RGB Percent	56%, 59%, 97%
CMY	0.4431, 0.4078, 0.0314
CMYK	0.43, 0.39, 0.00, 0.03
HSL	235°, 87%, 76%
HSV	235°, 43%, 97%
XYZ	39.0104, 34.5994, 92.6180
YIQ	159.2530, -36.1800, 27.9480

Conversions

Conversions Part 2

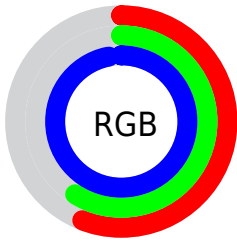
Format	Color
R _Y B	142, 150, 247
Decimal	9345015
CIE Lab	65.44, 20.56, -49.09
CIE LCh	65, 53.226, 292.727
Yxy	34.5994, 0.2347, 0.2081
Android (android.graphics.Color)	4287535095 (0xFF8E97F7)
YUV	159.2530, 43.2593, -15.1309
Hunter-Lab	58.8213, 15.4446, -52.1812

Details

The YUV color **159.2530, 43.2593, -15.1309** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **229.7470, -43.2593, 15.1309**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9060, 22.7243, -8.6876**, and **105.7750, 41.5229, -18.2197** is the 20% darker color. If you saturate the color by 10%, you get **138.2770, 53.6004, -18.6599**, and if you desaturate by 10%, it is **180.2290, 32.9181, -11.6018**.

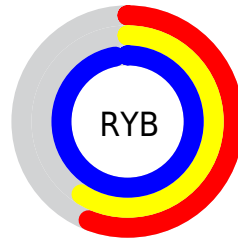
Distribution



Red (56%)

Green (59%)

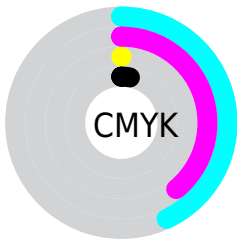
Blue (97%)



Red (56%)

Yellow (59%)

Blue (97%)

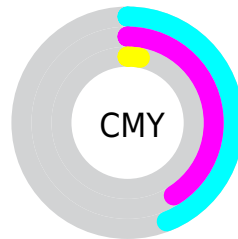


Cyan (43%)

Magenta (39%)

Yellow (0%)

Black (3%)



Cyan (44%)

Magenta (41%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2530, 43.2593, -15.1309 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 159.2530, 43.2593, -15.1309 by changing the saturation by 10% instead.

■ 159.2530, 43.2593,
-15.1309

■ 159.2530, 43.2593,
-15.1309

255.0000, 0.0000,
0.0000

■ 132.3130, 42.2437,
-16.0605

■ 208.9060, 22.7243,
-8.6876

■ 105.7750, 41.5229,
-18.2197

■ 234.3120, 10.1992,
-4.6586

■ 80.5250, 40.6602,
-21.5084

■ 52.2850, 41.2715,
-30.9449

■ 31.9110, 38.4979,
-27.9859

■ 17.9080, 33.0764,
-15.7053

■ 9.8890, 25.1977,

-8.6727

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 159.2530, 43.2593,
-15.1309

■ 159.2530, 43.2593,
-15.1309

■ 138.2770, 53.6004,
-18.6599

■ 180.2290, 32.9181,
-11.6018

■ 118.1870, 63.5048,
-22.0890

■ 200.3190, 23.0137,
-8.1728

■ 97.2110, 73.8460,
-25.6180

■ 221.2950, 12.6726,
-4.6437

■ 76.8220, 83.8978,
-29.6619

■ 241.6840, 2.6208,
-0.5999

■ 56.1450, 94.0915,
-32.5762

■ 254.0880, -3.4944,
0.7998

■ 40.4850, 101.8119,
-35.5053

Harmonies

Analogous

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



127.4580, 61.8922, -111.7807



159.2530, 43.2593, -15.1309



163.8160, 26.2197, 36.9954

Triad

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



159.2530, 43.2593, -15.1309



157.0040, -35.9910, 64.0175



123.3640, 10.6665, -108.1902

Complementary

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



159.2530, 43.2593, -15.1309



229.7470, -43.2593, 15.1309

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.



142.6930, -21.5406, -44.4578



159.2530, 43.2593, -15.1309



154.6680, -46.6713, 36.2482

Square

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



159.2530, 43.2593, -15.1309



158.5430, -16.5367, 77.5768



150.4030, -41.6107, -0.3534



128.9500, 32.0697, -113.0891

Rectangle

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



159.2530, 43.2593, -15.1309



161.8270, 12.9033, 61.5417



150.4030, -41.6107, -0.3534



124.2420, 2.3457, -99.3132

Sweetspot

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



159.2530, 43.2593, -15.1309



227.5230, 13.5462, -4.8437



214.4650, 11.1098, -63.5518



110.5680, 8.5940, -3.1291



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.



159.2530, 43.2593, -15.1309



146.2770, 53.6004, -18.6599



166.5280, 39.6727, 15.3229



111.9550, 4.9522, -1.7145



30.5960, 76.6142, -26.8327



9.6610, 24.3241, -8.4727

Inverse Universe

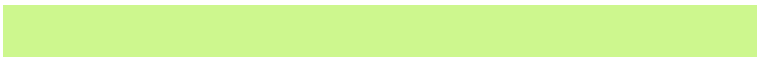
The Inverse Universe completely reimagines the original color for something new.



174.4210, -11.5466, 63.6518



165.1240, -14.3581, 78.8213



222.4720, -39.6727, -15.3229



113.7020, -1.3321, 7.2773



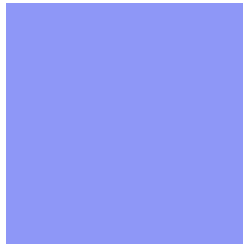
57.4380, -20.4289, 112.7489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 159.2530, 43.2593, -15.1309 looks on a white background.

Color Contrast Check

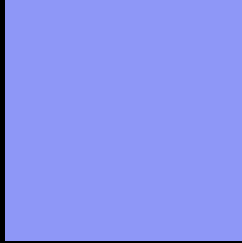
Large Text (above 18pt) WCAG AA × Fail

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 159.2530, 43.2593, -15.1309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

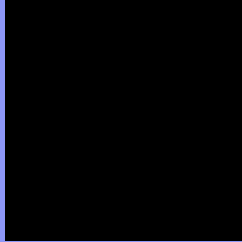
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2530, 43.2593, -15.1309

Background



This preview shows how black text looks on a background with the YUV color 159.2530, 43.2593, -15.1309.



This preview shows how white text looks on a background with the YUV color 159.2530, 43.2593, -15.1309.

-15.1309.

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

159.2530, 43.2593, -15.1309

Protanopia

156.3760, 46.6496, -29.2708

Deuteranopia

154.7620, 44.4873, -35.7483



Tritanopia

154.3370, 12.1589, -26.6055

Trichromacy



Original Color

159.2530, 43.2593, -15.1309

Protanomaly

157.7680, 45.4704, -24.3525

Deuteranomaly

156.1050, 44.3182, -28.1561

Tritanomaly

156.3450, 23.4939, -22.2276

Monochromacy



Original Color

159.2530, 43.2593, -15.1309

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0930, 15.7302, -5.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2530, 43.2593, -15.1309 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(142, 151, 247)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 247)  
}
```

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(142, 151, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 247) }
```

Border

The CSS property to change the border of an element to YUV 159.2530, 43.2593, -15.1309 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(142, 151, 247) }
```


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

```
.border{ border-color:rgb(142, 151, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 151, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 247);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 159.2530, 43.2593, -15.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 247) }
```

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

```
.background{ background-color: rgb(142,  
151, 247) }
```

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