

Converting Colors

YUV(201.0160, -51.7729,
-54.3880)

Have a look what the booklet for
YUV(201.0160, -51.7729, -54.3880)
contains.

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Color

**YUV(201.0160, -51.7729,
-54.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	8BFD60
RGB	139, 253, 96
RGB Percent	55%, 99%, 38%
CMY	0.4549, 0.0078, 0.6235
CMYK	0.45, 0.00, 0.62, 0.01
HSL	104°, 98%, 68%
HSV	104°, 62%, 99%
XYZ	47.8841, 76.5841, 23.3248
YIQ	201.0160, -17.5470, -72.9950

Conversions

Conversions Part 2

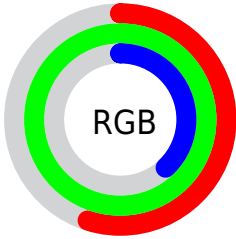
Format	Color
RYB	96, 253, 210
Decimal	9174368
CIELab	90.13, -59.60, 63.31
CIElCh	90, 86.956, 133.272
Yxy	76.5841, 0.3240, 0.5182
Android (android.graphics.Color)	4287364448 (0xFF8BFD60)
YUV	201.0160, -51.7729, -54.3880
Hunter-Lab	87.5123, -55.4768, 45.4560

Details

The YUV color **201.0160, -51.7729, -54.3880** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **147.9840, 51.7729, 54.3880**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5140, -36.7354, -24.1298**, and **141.7060, -51.6201, -56.7472** is the 20% darker color. If you saturate the color by 10%, you get **192.7840, -60.0395, -62.9546**, and if you desaturate by 10%, it is **209.2480, -43.5063, -45.8215**.

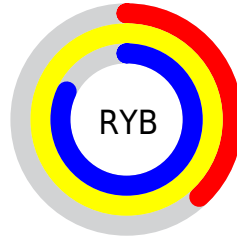
Distribution



Red (55%)

Green (99%)

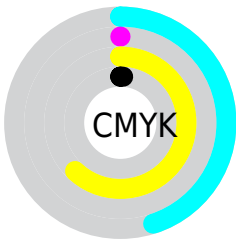
Blue (38%)



Red (38%)

Yellow (99%)

Blue (82%)

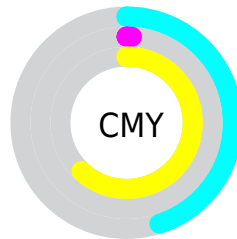


Cyan (45%)

Magenta (0%)

Yellow (62%)

Black (1%)



Cyan (45%)

Magenta (1%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.0160, -51.7729, -54.3880 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 201.0160, -51.7729, -54.3880 by changing the saturation by 10% instead.

■ 201.0160,
-51.7729, -54.3880

■ 201.0160,
-51.7729, -54.3880

■ 255.0000, 0.0000,
0.0000

■ 171.8310,
-51.1887, -55.1028

■ 226.5140,
-36.7354, -24.1298

■ 141.7060,
-51.6201, -56.7472

■ 238.6760,
-28.9273, -8.4859

■ 110.5760,
-54.5140, -61.8952

■ 249.7560,
-20.0927, 4.5990

■ 82.1800, -40.5147,
-72.0719

■ 253.0620, -7.4256,
1.6996

■ 66.9180, -32.9906,
-58.6871

■ 51.6560, -25.4664,
-45.3023

■ 36.9810, -18.2316,

-32.4323

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 201.0160,
-51.7729, -54.3880

■ 201.0160,
-51.7729, -54.3880

■ 192.7840,
-60.0395, -62.9546

■ 209.2480,
-43.5063, -45.8215

■ 184.1390,
-68.5955, -72.0359

■ 217.8930,
-34.9502, -36.7402

■ 175.9070,
-76.8622, -80.6024

■ 226.1250,
-26.6836, -28.1736

■ 169.1420,
-83.3870, -87.8245

■ 234.3570,
-18.4170, -19.6071

■ 243.0020, -9.8610,
-10.5258

■ 251.2340, -1.5944,
-1.9592

■ 253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



211.2000, -87.3596, 19.9956



201.0160, -51.7729, -54.3880



169.7490, 3.0817, -148.8699

Triad

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



201.0160, -51.7729, -54.3880



175.2330, 39.3251, -153.6793



183.9490, 4.4621, 62.3117

Complementary

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



201.0160, -51.7729, -54.3880



147.9840, 51.7729, 54.3880

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.



195.7130, 29.2285, 51.9947



201.0160, -51.7729, -54.3880



197.9330, 28.1340, -63.9622

Square

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



201.0160, -51.7729, -54.3880



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915



189.8460, -36.4061, 57.1401

Rectangle

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



201.0160, -51.7729, -54.3880



176.3610, 28.4160, -154.6686



215.6710, 19.3892, 34.4915



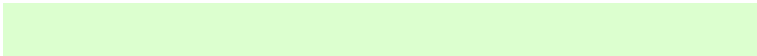
185.9670, 17.2713, 60.5419

Sweetspot

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



201.0160, -51.7729, -54.3880



239.0630, -15.8071, -16.7183



209.2740, -55.8441, 38.3477



118.0020, -9.8610, -10.5258



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.



201.0160, -51.7729, -54.3880



192.4910, -62.3601, -65.3286



192.0350, -30.5833, -84.2227



123.5280, -4.2043, -4.8481



127.6650, -62.9388, -66.3582



42.6510, -21.0269, -22.4959

Inverse Universe

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



147.9840, 51.7729, 54.3880



128.5090, 62.3601, 65.3286



156.9650, 30.5833, 84.2227



119.1730, 4.3517, 4.2333



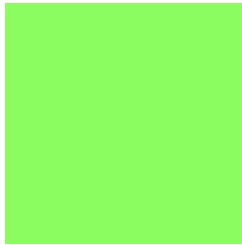
63.3350, 62.9388, 66.3582



21.0500, 21.1744, 21.8811

Previews

White Background



This preview shows how the YUV color 201.0160, -51.7729, -54.3880 looks on a white background.

Color Contrast Check

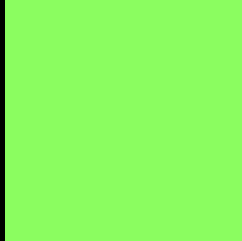
Large Text (above 18pt) WCAG AA × Fail

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 201.0160, -51.7729, -54.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

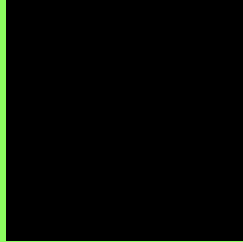
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

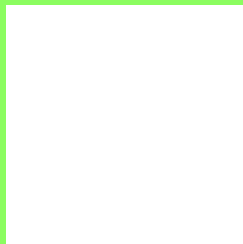
Any Text WCAG AAA ✓ Pass

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

YUV 201.0160, -51.7729, -54.3880 Background



This preview shows how black text looks on a background with the YUV color 201.0160, -51.7729, -54.3880.



This preview shows how white text looks on a background with the YUV color 201.0160, -51.7729, -54.3880.

-54.3880.

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

201.0160, -51.7729, -54.3880

Protanopia

217.7430, -63.9633, 29.1664

Deuteranopia

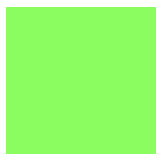
225.3350, -24.8152, 26.0162



Tritanopia

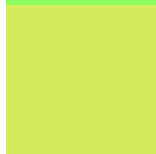
219.0190, 17.7386, -42.9897

Trichromacy



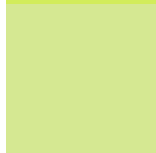
Original Color

201.0160, -51.7729, -54.3880



Protanomaly

211.6960, -59.5031, -1.4874



Deuteranomaly

216.5150, -34.7639, -3.0827



Tritanomaly

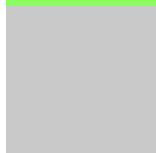
212.6400, -7.7105, -47.0423

Monochromacy



Original Color

201.0160, -51.7729, -54.3880



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.9440, -18.7064, -20.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0160, -51.7729, -54.3880 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(139, 253, 96)` looks like.

```
.text, #text, p{  
    color:rgb(139, 253, 96)  
}
```

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(139, 253, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 253, 96) }
```

Border

The CSS property to change the border of an element to YUV 201.0160, -51.7729, -54.3880 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(139, 253, 96) }
```


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

```
.border{ border-color:rgb(139, 253, 96) }
```

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

Here you see how a box with a 4 pixel rgb(139, 253, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 253, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 253, 96);  
box-shadow:4px 4px 4px 4px rgb(139, 253,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 201.0160, -51.7729, -54.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 253, 96) }
```

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

```
.background{ background-color: rgb(139,  
253, 96) }
```

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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