

Converting Colors

YUV(201.0100, -49.3049,
-52.6288)

Have a look what the booklet for
YUV(201.0100, -49.3049, -52.6288)
contains.

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Color

**YUV(201.0100, -49.3049,
-52.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFB65
RGB	141, 251, 101
RGB Percent	55%, 98%, 40%
CMY	0.4471, 0.0157, 0.6039
CMYK	0.44, 0.00, 0.60, 0.02
HSL	104°, 95%, 69%
HSV	104°, 60%, 98%
XYZ	47.8306, 75.5967, 24.3826
YIQ	201.0100, -17.4100, -69.9700

Conversions

Conversions Part 2

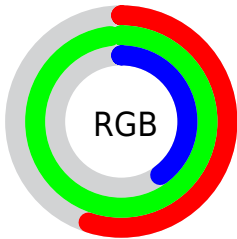
Format	Color
RYB	101, 251, 211
Decimal	9304933
CIELab	89.67, -57.78, 60.74
CIELCh	90, 83.832, 133.568
Yxy	75.5967, 0.3236, 0.5114
Android (android.graphics.Color)	4287495013 (0xFF8DFB65)
YUV	201.0100, -49.3049, -52.6288
Hunter-Lab	86.9463, -53.9602, 44.2356

Details

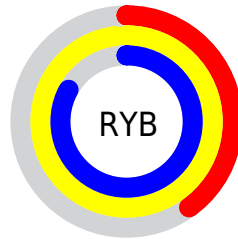
The YUV color **201.0100, -49.3049, -52.6288** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **150.9900, 49.3049, 52.6288**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2690, -35.1356, -23.9149**, and **142.8140, -48.7153, -55.0879** is the 20% darker color. If you saturate the color by 10%, you get **192.7780, -57.5716, -61.1953**, and if you desaturate by 10%, it is **209.2420, -41.0383, -44.0622**.

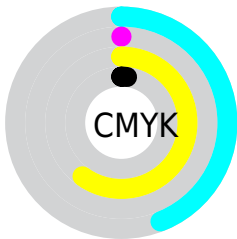
Distribution



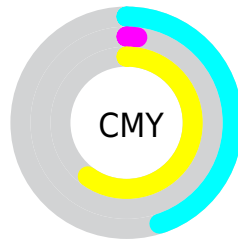
- Red (55%)
- Green (98%)
- Blue (40%)



- Red (40%)
- Yellow (98%)
- Blue (83%)



- Cyan (44%)
- Magenta (0%)
- Yellow (60%)
- Black (2%)



- Cyan (45%)
- Magenta (2%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.0100, -49.3049, -52.6288 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 201.0100, -49.3049, -52.6288 by changing the saturation by 10% instead.

■ 201.0100,
-49.3049, -52.6288

■ 201.0100,
-49.3049, -52.6288

■ 255.0000, 0.0000,
0.0000

■ 171.8250,
-48.7207, -53.3435

■ 227.2690,
-35.1356, -23.9149

■ 142.8140,
-48.7153, -55.0879

■ 239.5450,
-26.8907, -8.3710

■ 111.0110,
-54.2354, -57.8916

■ 250.2120,
-18.3455, 4.1991

■ 81.5930, -40.2253,
-71.5571

■ 253.6320, -5.2416,
1.1997

■ 65.7440, -32.4118,
-57.6575

■ 51.0690, -25.1770,
-44.7875

■ 36.3940, -17.9422,

-31.9175

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 201.0100,
-49.3049, -52.6288

■ 201.0100,
-49.3049, -52.6288

■ 192.7780,
-57.5716, -61.1953

■ 209.2420,
-41.0383, -44.0622

■ 184.2470,
-65.6908, -70.3766

■ 217.7730,
-32.9191, -34.8809

■ 176.0150,
-73.9574, -78.9432

■ 226.0050,
-24.6525, -26.3144

■ 167.4840,
-82.0766, -88.1245

■ 234.5360,
-16.5332, -17.1331

■ 167.3700,
-82.5134, -88.0245

■ 242.8820, -7.8298,
-8.6665

■ 251.1140, 0.4368,
-0.1000

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



211.3830, -81.5338, 18.0811



201.0100, -49.3049, -52.6288



169.8630, 3.5185, -148.9699

Triad

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



201.0100, -49.3049, -52.6288



174.0590, 39.9039, -152.6497



185.5960, 3.1572, 60.8673

Complementary

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



201.0100, -49.3049, -52.6288



150.9900, 49.3049, 52.6288

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.



196.8870, 28.6497, 50.9651



201.0100, -49.3049, -52.6288



199.4500, 27.3862, -57.3996

Square

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



201.0100, -49.3049, -52.6288



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915



191.2480, -36.1113, 55.9105

Rectangle

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



201.0100, -49.3049, -52.6288



176.2470, 27.9792, -154.5686



215.6710, 19.3892, 34.4915



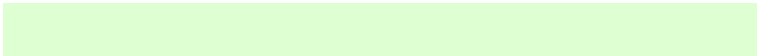
188.0870, 15.2401, 58.6827

Sweetspot

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



201.0100, -49.3049, -52.6288



239.5900, -15.0809, -16.3034



210.4200, -53.9441, 35.5887



118.4150, -9.5716, -10.0110



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.



201.0100, -49.3049, -52.6288



193.6590, -60.4709, -64.5989



193.0400, -28.1207, -80.7191



120.8270, -4.3517, -4.2333



125.8930, -62.0652, -66.5582



40.5910, -20.0114, -21.5663

Inverse Universe

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



150.9900, 49.3049, 52.6288



132.3410, 60.4709, 64.5989



158.9600, 28.1207, 80.7191



116.4720, 4.2043, 4.8481



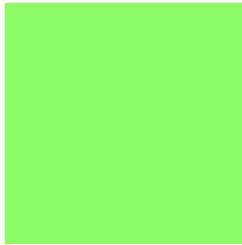
62.8080, 62.2127, 65.9434



20.4090, 20.0114, 21.5663

Previews

White Background



This preview shows how the YUV color 201.0100, -49.3049, -52.6288 looks on a white background.

Color Contrast Check

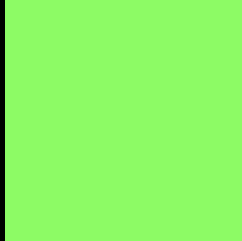
Large Text (above 18pt) WCAG AA × Fail

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 201.0100, -49.3049, -52.6288 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

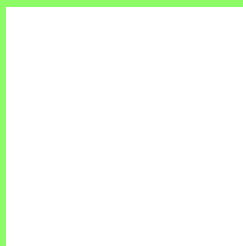
Any Text WCAG AAA ✓ Pass

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

YUV 201.0100, -49.3049, -52.6288 Background



This preview shows how black text looks on a background with the YUV color 201.0100, -49.3049, -52.6288.



This preview shows how white text looks on a background with the YUV color 201.0100, -49.3049, -52.6288.

-52.6288.

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

201.0100, -49.3049, -52.6288

Protanopia

216.5410, -60.9057, 28.4665

Deuteranopia

223.7050, -25.9836, 27.4457



Tritanopia

217.1330, 18.1754, -43.0896

Trichromacy



Original Color

201.0100, -49.3049, -52.6288



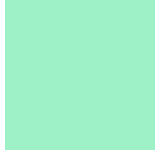
Protanomaly

211.0920, -56.7404, -0.9577



Deuteranomaly

215.6400, -34.3325, -1.4383



Tritanomaly

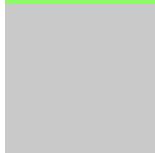
211.2810, -6.5475, -46.7274

Monochromacy



Original Color

201.0100, -49.3049, -52.6288



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.8840, -17.6908, -19.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0100, -49.3049, -52.6288 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(141, 251, 101)` looks like.

```
.text, #text, p{  
    color:rgb(141, 251, 101)  
}
```

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(141, 251, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 251, 101) }
```

Border

The CSS property to change the border of an element to YUV 201.0100, -49.3049, -52.6288 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(141, 251, 101) }
```


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

```
.border{ border-color:rgb(141, 251, 101) }
```

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

Here you see how a box with a 4 pixel rgb(141, 251, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 251, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 251, 101);  
box-shadow:4px 4px 4px 4px rgb(141, 251,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 201.0100, -49.3049, -52.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 251, 101) }
```

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

```
.background{ background-color: rgb(141,  
251, 101) }
```

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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