

Converting Colors

YUV(200.3430, -54.3991,
-52.0438)

Have a look what the booklet for
YUV(200.3430, -54.3991, -52.0438)
contains.

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Color

**YUV(200.3430, -54.3991,
-52.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFC5A
RGB	141, 252, 90
RGB Percent	55%, 99%, 35%
CMY	0.4471, 0.0118, 0.6471
CMYK	0.44, 0.00, 0.64, 0.01
HSL	101°, 96%, 67%
HSV	101°, 64%, 99%
XYZ	47.6404, 76.0217, 21.8356
YIQ	200.3430, -14.1540, -73.9140

Conversions

Conversions Part 2

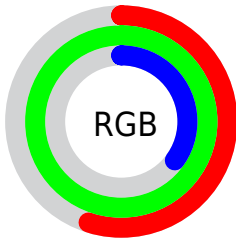
Format	Color
RYB	90, 252, 201
Decimal	9305178
CIELab	89.87, -59.16, 65.47
CIELCh	90, 88.236, 132.102
Yxy	76.0217, 0.3274, 0.5225
Android (android.graphics.Color)	4287495258 (0xFF8DFC5A)
YUV	200.3430, -54.3991, -52.0438
Hunter-Lab	87.1904, -55.0518, 46.1850

Details

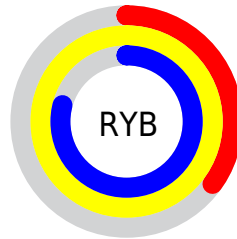
The YUV color **200.3430, -54.3991, -52.0438** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **141.6570, 54.3991, 52.0438**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4280, -39.6510, -22.3004**, and **140.8760, -56.1409, -53.3883** is the 20% darker color. If you saturate the color by 10%, you get **192.4100, -62.8131, -59.9956**, and if you desaturate by 10%, it is **208.2760, -45.9851, -44.0921**.

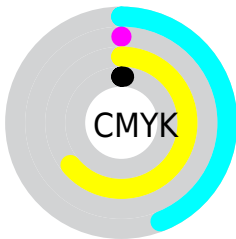
Distribution



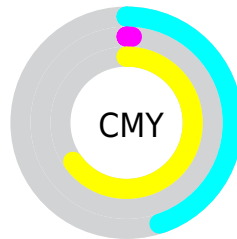
- Red (55%)
- Green (99%)
- Blue (35%)



- Red (35%)
- Yellow (99%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (64%)
- Black (1%)



- Cyan (45%)
- Magenta (1%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3430, -54.3991, -52.0438 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 200.3430, -54.3991, -52.0438 by changing the saturation by 10% instead.

200.3430,
-54.3991, -52.0438

200.3430,
-54.3991, -52.0438

255.0000, 0.0000,
0.0000

171.0440,
-54.2517, -52.6586

226.4280,
-39.6510, -22.3004

140.8760,
-56.1409, -53.3883

238.5900,
-31.8429, -6.6564

110.8860,
-54.6668, -59.5360

249.0720,
-22.7135, 5.1989

82.1800, -40.5147,
-72.0719

252.3780,
-10.0464, 2.2995

66.3310, -32.7012,
-58.1723

51.0690, -25.1770,
-44.7875

36.9810, -18.2316,

-32.4323

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 200.3430,
-54.3991, -52.0438

■ 200.3430,
-54.3991, -52.0438

■ 192.4100,
-62.8131, -59.9956

■ 208.2760,
-45.9851, -44.0921

■ 184.1780,
-71.0798, -68.5621

■ 216.5080,
-37.7184, -35.5255

■ 176.1310,
-79.9306, -76.4139

■ 224.5550,
-28.8676, -27.6737

■ 171.5450,
-84.5717, -81.1620

■ 232.4880,
-20.4536, -19.7220

■ 240.4210,
-12.0396, -11.7702

■ 248.6530, -3.7729,
-3.2037

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



209.9570, -92.1698, 22.8397



200.3430, -54.3991, -52.0438



169.1790, 0.8978, -148.3700

Triad

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



200.3430, -54.3991, -52.0438



175.2330, 39.3251, -153.6793



182.4160, 6.2039, 63.6562

Complementary

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



200.3430, -54.3991, -52.0438



141.6570, 54.3991, 52.0438

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.



194.5390, 29.8073, 53.0243



200.3430, -54.3991, -52.0438



192.8500, 30.6400, -74.4134

Square

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



200.3430, -54.3991, -52.0438



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915



188.0850, -35.5379, 58.6845

Rectangle

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



200.3430, -54.3991, -52.0438



175.9050, 26.6688, -154.2687



215.6710, 19.3892, 34.4915



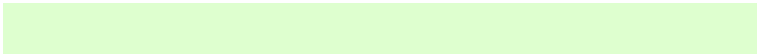
185.1350, 19.1604, 61.2716

Sweetspot

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



200.3430, -54.3991, -52.0438



239.6610, -16.1019, -15.4887



203.5950, -56.0023, 42.4512



118.3010, -10.0084, -9.9110



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.



200.3430, -54.3991, -52.0438



192.2910, -65.7125, -63.3992



188.5140, -33.7774, -86.3968



120.8270, -4.3517, -4.2333



128.5840, -63.3919, -61.0252



41.4880, -20.4536, -19.7220

Inverse Universe

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



141.6570, 54.3991, 52.0438



121.4100, 65.8599, 62.7844



153.4860, 33.7774, 86.3968



116.1730, 4.3517, 4.2333



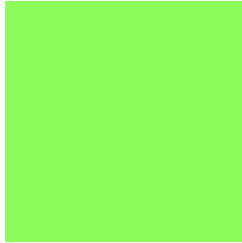
60.1170, 63.5393, 60.4104



19.5120, 20.4536, 19.7220

Previews

White Background



This preview shows how the YUV color 200.3430, -54.3991, -52.0438 looks on a white background.

Color Contrast Check

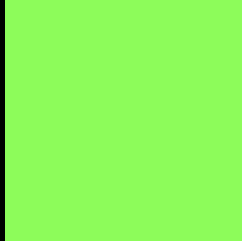
Large Text (above 18pt) WCAG AA × Fail

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 200.3430, -54.3991, -52.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

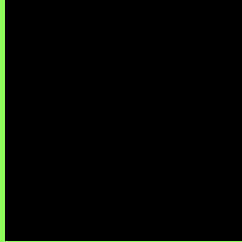
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

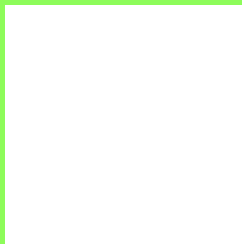
Any Text WCAG AAA ✓ Pass

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

YUV 200.3430, -54.3991, -52.0438 Background



This preview shows how black text looks on a background with the YUV color 200.3430, -54.3991, -52.0438.



This preview shows how white text looks on a background with the YUV color 200.3430, -54.3991, -52.0438.

-52.0438.

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

200.3430, -54.3991, -52.0438

Protanopia

216.4720, -66.2947, 30.2811

Deuteranopia

224.4060, -25.8362, 26.8309



Tritanopia

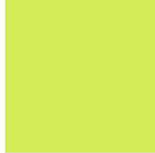
218.1330, 18.1754, -43.0896

Trichromacy



Original Color

200.3430, -54.3991, -52.0438



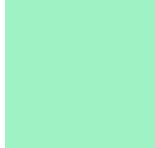
Protanomaly

210.7240, -61.9819, 0.2421



Deuteranomaly

215.7710, -36.3691, -1.5532



Tritanomaly

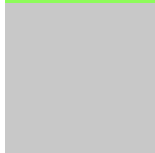
211.8250, -8.2947, -46.3275

Monochromacy



Original Color

200.3430, -54.3991, -52.0438



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.3140, -19.8748, -18.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3430, -54.3991, -52.0438 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, 252, 90)` looks like.

```
.text, #text, p{  
    color:rgb(141, 252, 90)  
}
```

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, 252, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 252, 90) }
```

Border

The CSS property to change the border of an element to YUV 200.3430, -54.3991, -52.0438 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, 252, 90) }
```


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

```
.border{ border-color:rgb(141, 252, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 252, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 252, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 252, 90);  
box-shadow:4px 4px 4px 4px rgb(141, 252,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 200.3430, -54.3991, -52.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 252, 90) }
```

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

```
.background{ background-color: rgb(141,  
252, 90) }
```

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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