

# Converting Colors

YUV(138.2030, 56.1019,  
19.1160)

Have a look what the booklet for  
YUV(138.2030, 56.1019, 19.1160)  
contains.

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# Color

**YUV(138.2030, 56.1019,  
19.1160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A069FC
RGB	160, 105, 252
RGB Percent	63%, 41%, 99%
CMY	0.3725, 0.5882, 0.0118
CMYK	0.37, 0.58, 0.00, 0.01
HSL	262°, 96%, 70%
HSV	262°, 58%, 99%
XYZ	37.1195, 24.6050, 94.8883
YIQ	138.2030, -14.4070, 57.3770

# Conversions

## Conversions Part 2

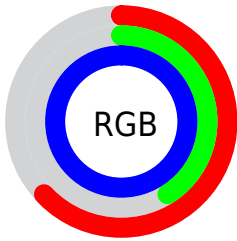
Format	Color
R <sub>Y</sub> B	160, 105, 252
Decimal	10512892
CIE <sub>Lab</sub>	56.69, 52.16, -65.71
CIE <sub>LCh</sub>	57, 83.898, 308.443
Yxy	24.6050, 0.2370, 0.1571
Android (android.graphics.Color)	4288702972 (0xFFA069FC)
YUV	138.2030, 56.1019, 19.1160
Hunter-Lab	49.6034, 46.7699, -78.6957

# Details

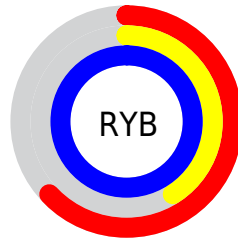
The YUV color **138.2030, 56.1019, 19.1160** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **218.7970, -56.1019, -19.1160**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2970, 33.3776, 27.8035**, and **84.3120, 54.0762, 15.5124** is the 20% darker color. If you saturate the color by 10%, you get **118.7440, 65.6952, 22.1495**, and if you desaturate by 10%, it is **157.6620, 46.5086, 16.0824**.

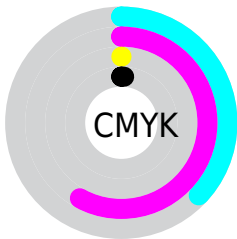
# Distribution



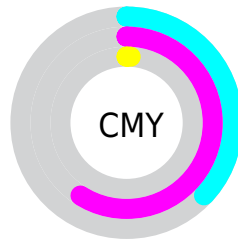
- Red (63%)
- Green (41%)
- Blue (99%)



- Red (63%)
- Yellow (41%)
- Blue (99%)



- Cyan (37%)
- Magenta (58%)
- Yellow (0%)
- Black (1%)



- Cyan (37%)
- Magenta (59%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.2030, 56.1019, 19.1160 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 138.2030, 56.1019, 19.1160 by changing the saturation by 10% instead.



138.2030, 56.1019,  
19.1160

138.2030, 56.1019,  
19.1160

255.0000, 0.0000,  
0.0000

110.9640, 55.2337,  
17.5716

187.2970, 33.3776,  
27.8035

84.3120, 54.0762,  
15.5124

212.7030, 20.8524,  
31.8325

57.0020, 54.2290,  
13.1532

230.9330, 11.8650,  
21.1068

27.2080, 55.1135,  
9.4646

247.9560, 3.4727,  
6.1776

12.8820, 49.3582,  
-11.2975

10.0320, 38.4382,  
-8.7981

10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,  
-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 138.2030, 56.1019,  
19.1160

■ 138.2030, 56.1019,  
19.1160

■ 118.7440, 65.6952,  
22.1495

■ 157.6620, 46.5086,  
16.0824

■ 99.2850, 75.2885,  
25.1831

■ 177.1210, 36.9153,  
13.0489

■ 79.5380, 85.0238,  
29.3462

■ 196.8680, 27.1801,  
8.8858

■ 60.0790, 94.6171,  
32.3797

■ 216.3270, 17.5868,  
5.8522

■ 56.8340, 96.2168,  
32.5946

■ 235.7860, 7.9935,  
2.8187

254.6580, -1.3104,  
0.2999

# Harmonies

## Analogous

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



110.6630, 71.1581, -97.0515



138.2030, 56.1019, 19.1160



125.7970, 32.1451, 96.6480

# Triad

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



138.2030, 56.1019, 19.1160



127.3380, -62.7776, 68.9866



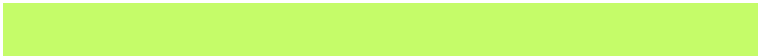
115.8130, 19.8122, -101.5680

# Complementary

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



138.2030, 56.1019, 19.1160



218.7970, -56.1019, -19.1160

# 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.



105.1600, -13.3899, -92.2253



138.2030, 56.1019, 19.1160



125.8340, -62.0362, 17.6856

# Square

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



138.2030, 56.1019, 19.1160



121.3010, -36.1374, 111.1150



109.8110, -54.1368, -42.8072



123.2060, 50.6774, -108.0517



# Rectangle

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



138.2030, 56.1019, 19.1160



108.9830, 16.7704, 128.0569



109.8110, -54.1368, -42.8072



112.2620, 8.7448, -98.4538

# Sweetspot

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



138.2030, 56.1019, 19.1160



219.3270, 17.5868, 5.8522



176.3490, 37.2959, -62.5731



105.5950, 11.0457, 3.8632



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.



138.2030, 56.1019, 19.1160



117.0260, 68.0212, 22.7792



159.7310, 45.4886, 63.3799



114.9770, 4.9413, 1.7742



42.7750, 72.0889, 24.7533



13.8310, 23.2543, 8.0412



# Inverse Universe

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



159.4410, 18.5166, 81.1742



142.8760, 22.2461, 98.3327



197.2690, -45.4886, -63.3799



116.7990, 1.5781, 7.1923



69.9630, 23.6822, 104.3954

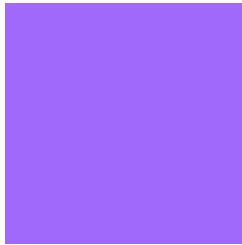


22.5710, 7.6065, 33.7022



# Previews

## White Background



This preview shows how the YUV color 138.2030, 56.1019, 19.1160 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

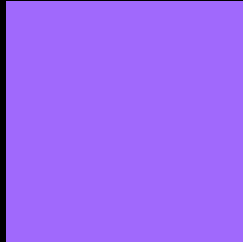
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.2030, 56.1019, 19.1160 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 × Fail

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

# YUV 138.2030, 56.1019, 19.1160 Background



This preview shows how black text looks on a background with the YUV color 138.2030, 56.1019, 19.1160.



This preview shows how white text looks on a background with the YUV color 138.2030, 56.1019,



# 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

138.2030, 56.1019, 19.1160

### Protanopia

127.1850, 63.0128, -51.0282

### Deuteranopia

113.7200, 64.7210, -85.7004



## Tritanopia

136.1510, 4.3626, 0.7446

# Trichromacy



## Original Color

138.2030, 56.1019, 19.1160



## Protanomaly

131.0680, 60.6055, -25.4926



## Deuteranomaly

122.5660, 61.8390, -47.8544



## Tritanomaly

136.5320, 23.4017, 7.4264

# Monochromacy



## Original Color

138.2030, 56.1019, 19.1160



## Achromatopsia

138.0000, 0.0000, 0.0000



## Achromatomaly

138.0220, 20.2022, 6.9967

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.2030, 56.1019, 19.1160 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(160, 105, 252)` looks like.

```
.text, #text, p{  
    color:rgb(160, 105, 252)  
}
```

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(160, 105, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 105, 252) }
```

## Border

The CSS property to change the border of an element to YUV 138.2030, 56.1019, 19.1160 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(160, 105, 252) }
```



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

```
.border{ border-color:rgb(160, 105, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 105, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 105, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 105, 252);  
box-shadow:4px 4px 4px 4px rgb(160, 105,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 138.2030, 56.1019, 19.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 105, 252) }
```

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

```
.background{ background-color: rgb(160,  
105, 252) }
```

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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