

# Converting Colors

YUV(178.7260, -38.8119,  
-104.9997)

Have a look what the booklet for  
YUV(178.7260, -38.8119, -104.9997)  
contains.

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# Color

**YUV(178.7260, -38.8119,  
-104.9997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BFF64
RGB	59, 255, 100
RGB Percent	23%, 100%, 39%
CMY	0.7686, 0.0000, 0.6078
CMYK	0.77, 0.00, 0.61, 0.00
HSL	133°, 100%, 62%
HSV	133°, 77%, 100%
XYZ	39.8639, 73.3699, 24.1174
YIQ	178.7260, -67.0610, -89.7570

# Conversions

## Conversions Part 2

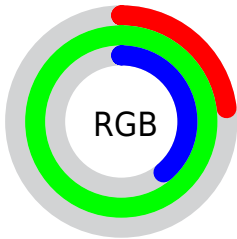
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 221, 255
Decimal	3932004
CIELab	88.62, -76.70, 59.38
CIELCh	89, 96.994, 142.254
Yxy	73.3699, 0.2902, 0.5342
Android (android.graphics.Color)	4282122084 (0xFF3BFF64)
YUV	178.7260, -38.8119, -104.9997
Hunter-Lab	85.6562, -66.8256, 43.2657

# Details

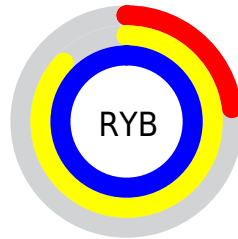
The YUV color **178.7260, -38.8119, -104.9997** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **135.2740, 38.8119, 104.9997**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0190, -26.1384, -63.1607**, and **120.5410, -38.2277, -105.7145** is the 20% darker color. If you saturate the color by 10%, you get **168.6720, -43.7153, -118.9843**, and if you desaturate by 10%, it is **188.7800, -33.9085, -91.0151**.

# Distribution



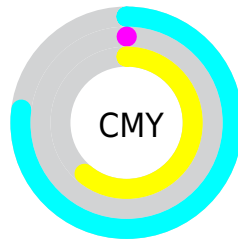
- Red (23%)
- Green (100%)
- Blue (39%)



- Red (23%)
- Yellow (87%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.7260, -38.8119, -104.9997 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 178.7260, -38.8119, -104.9997 by changing the saturation by 10% instead.



■ 178.7260,  
-38.8119, -104.9997

■ 178.7260,  
-38.8119, -104.9997

255.0000, 0.0000,  
0.0000

■ 140.8700,  
-33.9529, -123.5430

■ 208.0190,  
-26.1384, -63.1607

■ 120.5410,  
-38.2277, -105.7145

■ 220.8930,  
-18.1882, -46.3872

■ 98.6160, -48.6177,  
-86.4862

■ 233.9520,  
-10.8223, -28.8989

■ 82.7670, -40.8041,  
-72.5867

■ 246.5270, -2.7248,  
-12.7402

■ 66.3310, -32.7012,  
-58.1723

■ 51.0690, -25.1770,  
-44.7875

■ 36.9810, -18.2316,

-32.4323

■ 21.1320, -10.4181,  
-18.5328

■ 0.0000, 0.0000,  
0.0000

■ 178.7260,  
-38.8119, -104.9997

■ 178.7260,  
-38.8119, -104.9997

■ 168.6720,  
-43.7153, -118.9843

■ 188.7800,  
-33.9085, -91.0151

■ 158.9170,  
-48.7661, -132.3542

■ 198.5350,  
-28.8578, -77.6452

■ 155.7270,  
-50.6444, -136.5726

■ 208.5890,  
-23.9544, -63.6606

■ 218.4580,  
-18.4668, -50.3907

■ 228.5120,  
-13.5634, -36.4060

■ 238.2670, -8.5126,  
-23.0362

■ 248.3210, -3.6093,  
-9.0515

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



199.2070, -98.2091, -0.1815



178.7260, -38.8119, -104.9997



171.9150, 11.3809, -150.7695

# Triad

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



178.7260, -38.8119, -104.9997



170.5370, 41.6403, -149.5609



171.1540, -6.4849, 73.5329

# Complementary

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



178.7260, -38.8119, -104.9997



135.2740, 38.8119, 104.9997

# 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.



179.4080, 35.2949, 66.2942



178.7260, -38.8119, -104.9997



201.3980, 26.4258, -29.2900

# Square

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



178.7260, -38.8119, -104.9997



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



184.3570, -54.8990, 61.9539



# Rectangle

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



178.7260, -38.8119, -104.9997



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



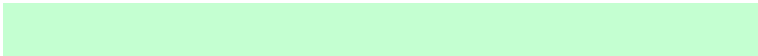
170.5790, 9.0816, 74.0372

# Sweetspot

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



178.7260, -38.8119, -104.9997



232.1150, -11.3957, -31.6729



220.9950, -79.8635, -4.3806



113.9300, -7.3605, -19.2326



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.



178.7260, -38.8119, -104.9997



163.5310, -46.6038, -125.8767



189.6700, 3.1207, -114.5976



122.8590, -2.8885, -6.8923



116.6770, -37.8018, -102.3257



39.0500, -12.8426, -34.2468



# Inverse Universe

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



135.2740, 38.8119, 104.9997



111.4690, 46.6038, 125.8767



124.3300, -3.1207, 114.5976



120.0270, 2.4517, 6.9923



74.3230, 37.8018, 102.3257

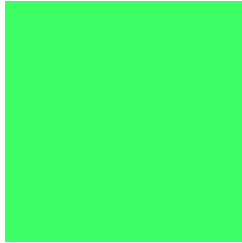


24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 178.7260, -38.8119, -104.9997 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 178.7260, -38.8119, -104.9997 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 178.7260, -38.8119, -104.9997 Background



This preview shows how black text looks on a background with the YUV color 178.7260, -38.8119, -104.9997.



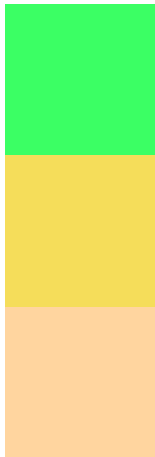
This preview shows how white text looks on a background with the YUV color 178.7260, -38.8119, -104.9997.

-104.9997.

# 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

178.7260, -38.8119, -104.9997

### Protanopia

213.2420, -60.7583, 27.8518

### Deuteranopia

219.4020, -29.7782, 31.2194



## Tritanopia

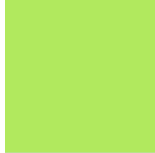
207.0590, 23.6349, -67.5807

# Trichromacy



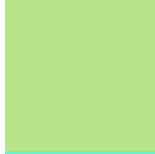
## Original Color

178.7260, -38.8119, -104.9997



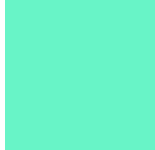
## Protanomaly

200.4100, -52.4601, -20.5306



## Deuteranomaly

204.5840, -32.8259, -18.0522



## Tritanomaly

197.0100, 0.9811, -81.5698

# Monochromacy



## Original Color

178.7260, -38.8119, -104.9997



## Achromatopsia

179.0000, 0.0000, 0.0000



## Achromatomaly

178.9740, -14.2842, -38.5652

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.7260, -38.8119, -104.9997 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(59, 255, 100)` looks like.

```
.text, #text, p{  
    color:rgb(59, 255, 100)  
}
```

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(59, 255, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 255, 100) }
```

## Border

The CSS property to change the border of an element to YUV 178.7260, -38.8119, -104.9997 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(59, 255, 100) }
```



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

```
.border{ border-color:rgb(59, 255, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 255, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 255, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 255, 100);  
box-shadow:4px 4px 4px 4px rgb(59, 255,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 178.7260, -38.8119, -104.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 255, 100) }
```

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

```
.background{ background-color: rgb(59, 255,  
100) }
```

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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