

# Converting Colors

YUV(137.5340, 53.9667, 3.9167)

Have a look what the booklet for  
YUV(137.5340, 53.9667, 3.9167)  
contains.

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# Color

**YUV(137.5340, 53.9667,  
3.9167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E72F7
RGB	142, 114, 247
RGB Percent	56%, 45%, 97%
CMY	0.4431, 0.5529, 0.0314
CMYK	0.43, 0.54, 0.00, 0.03
HSL	253°, 89%, 71%
HSV	253°, 54%, 97%
XYZ	33.9611, 24.5008, 90.9349
YIQ	137.5340, -26.0050, 47.2990

# Conversions

## Conversions Part 2

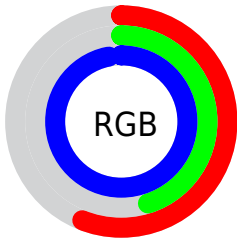
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 114, 247
Decimal	9335543
CIE Lab	56.59, 41.93, -63.20
CIE LCh	57, 75.842, 303.564
Yxy	24.5008, 0.2273, 0.1640
Android (android.graphics.Color)	4287525623 (0xFF8E72F7)
YUV	137.5340, 53.9667, 3.9167
Hunter-Lab	49.4983, 35.8481, -74.2747

# Details

The YUV color **137.5340, 53.9667, 3.9167** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **223.4660, -53.9667, -3.9167**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1980, 33.4264, 12.1044**, and **84.6320, 51.9464, -1.4313** is the 20% darker color. If you saturate the color by 10%, you get **116.8790, 64.1497, 4.4911**, and if you desaturate by 10%, it is **157.8900, 43.9312, 2.7275**.

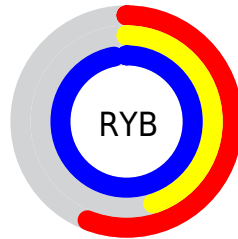
# Distribution



Red (56%)

Green (45%)

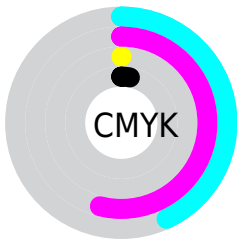
Blue (97%)



Red (56%)

Yellow (45%)

Blue (97%)

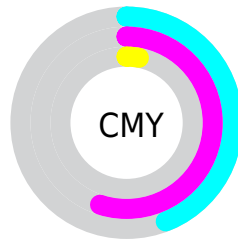


Cyan (43%)

Magenta (54%)

Yellow (0%)

Black (3%)



Cyan (44%)

Magenta (55%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.5340, 53.9667, 3.9167 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 137.5340, 53.9667, 3.9167 by changing the saturation by 10% instead.



■ 137.5340, 53.9667,  
3.9167

■ 137.5340, 53.9667,  
3.9167

255.0000, 0.0000,  
0.0000

■ 110.8820, 52.8092,  
1.8575

■ 187.1980, 33.4264,  
12.1044

■ 84.6320, 51.9464,  
-1.4313

■ 211.7180, 21.3380,  
16.0333

■ 58.3710, 51.0891,  
-6.4644

■ 235.6290, 9.5499,  
16.9884

■ 26.5430, 53.4693,  
-23.2782

■ 252.6520, 1.1576,  
2.0592

■ 12.4260, 47.6110,  
-10.8976

■ 9.5760, 36.6910,  
-8.3982

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 137.5340, 53.9667,  
3.9167

■ 137.5340, 53.9667,  
3.9167

■ 116.8790, 64.1497,  
4.4911

■ 157.8900, 43.9312,  
2.7275

■ 97.1100, 73.8958,  
5.1655

■ 177.9580, 34.0377,  
2.6678

■ 76.4550, 84.0787,  
5.7400

■ 198.6130, 23.8548,  
2.0934

■ 56.0990, 94.1142,  
6.9292

■ 218.9690, 13.8193,  
0.9042

■ 43.7060, 100.2239,  
7.2738

■ 239.6240, 3.6364,  
0.3298

■ 254.0880, -3.4944,  
0.7998

# Harmonies

## Analogous

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



112.4240, 70.2900, -98.5958



137.5340, 53.9667, 3.9167



133.6110, 30.7578, 74.8862

# Triad

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



137.5340, 53.9667, 3.9167



126.4740, -62.3517, 72.3753



112.4560, 14.5652, -98.6239

# Complementary

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



137.5340, 53.9667, 3.9167



223.4660, -53.9667, -3.9167

# 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.



102.8290, -14.7057, -90.1810



137.5340, 53.9667, 3.9167



126.7750, -62.5001, 26.5073

# Square

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



137.5340, 53.9667, 3.9167



124.3200, -28.2588, 104.0824



115.5360, -56.9592, -24.1491



119.9800, 43.3939, -105.2225



# Rectangle

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



137.5340, 53.9667, 3.9167



124.4440, 14.0781, 104.8506



115.5360, -56.9592, -24.1491



109.8340, 4.5188, -96.3244

# Sweetspot

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



137.5340, 53.9667, 3.9167



221.3650, 16.5821, 1.4339



191.3840, 27.4187, -67.8658



107.3450, 10.1829, 0.5744



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.



137.5340, 53.9667, 3.9167



118.3890, 67.3492, 4.9208



156.9690, 44.3853, 43.8772



112.2650, 4.7994, 0.6446



32.8650, 75.4956, 5.3804



10.3140, 24.0022, 1.4786



# Inverse Universe

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



165.7370, 26.2587, 71.2677



153.5680, 32.7510, 88.9559



204.0310, -44.3853, -43.8772



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729



# Previews

## White Background



This preview shows how the YUV color 137.5340, 53.9667, 3.9167 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

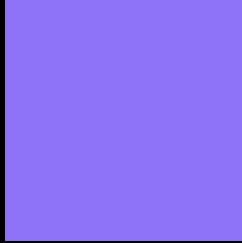
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 137.5340, 53.9667, 3.9167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

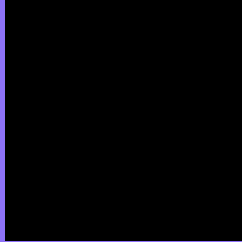
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 137.5340, 53.9667, 3.9167

## Background



This preview shows how black text looks on a background with the YUV color 137.5340, 53.9667, 3.9167.



This preview shows how white text looks on a background with the YUV color 137.5340, 53.9667, 3.9167.



# 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

137.5340, 53.9667, 3.9167

### Protanopia

126.2990, 63.4496, -51.1282

### Deuteranopia

118.4610, 60.9047, -74.9493



## Tritanopia

133.9750, 7.9003, -14.0101

# Trichromacy



## Original Color

137.5340, 53.9667, 3.9167

## Protanomaly

130.5080, 59.8956, -31.1405

## Deuteranomaly

125.3660, 58.4866, -45.9250

## Tritanomaly

135.3730, 24.4661, -7.3431

# Monochromacy



## Original Color

137.5340, 53.9667, 3.9167

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

137.5760, 19.9290, 1.2488

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.5340, 53.9667, 3.9167 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(142, 114, 247)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 247)  
}
```

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(142, 114, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 247) }
```

## Border

The CSS property to change the border of an element to YUV 137.5340, 53.9667, 3.9167 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(142, 114, 247) }
```



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

```
.border{ border-color:rgb(142, 114, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 247);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 137.5340, 53.9667, 3.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 247) }
```

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

```
.background{ background-color: rgb(142,  
114, 247) }
```

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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