

# Converting Colors

YUV(137.8770, 53.7976,  
11.5089)

Have a look what the booklet for  
YUV(137.8770, 53.7976, 11.5089)  
contains.

<b>YUV(137.8770, 53.7976, 11.5089)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(137.8770, 53.7976,  
11.5089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	976EF7
RGB	151, 110, 247
RGB Percent	59%, 43%, 97%
CMY	0.4078, 0.5686, 0.0314
CMYK	0.39, 0.55, 0.00, 0.03
HSL	258°, 90%, 70%
HSV	258°, 55%, 97%
XYZ	35.1269, 24.4466, 90.8630
YIQ	137.8770, -19.5410, 51.2990

# Conversions

## Conversions Part 2

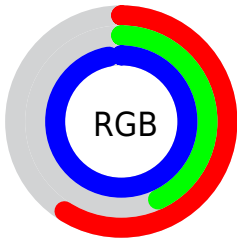
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	151, 110, 247
Decimal	9924343
CIE <sub>Lab</sub>	56.53, 46.18, -63.24
CIE <sub>LCh</sub>	57, 78.304, 306.136
Y <sub>xy</sub>	24.4466, 0.2335, 0.1625
Android (android.graphics.Color)	4288114423 (0xFF976EF7)
YUV	137.8770, 53.7976, 11.5089
Hunter-Lab	49.4435, 40.2886, -74.3476

# Details

The YUV color **137.8770, 53.7976, 11.5089** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **219.1230, -53.7976, -11.5089**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5410, 33.2573, 19.6965**, and **84.6870, 51.9193, 7.2905** is the 20% darker color. If you saturate the color by 10%, you get **118.1190, 63.5383, 13.9276**, and if you desaturate by 10%, it is **157.6350, 44.0569, 9.0901**.

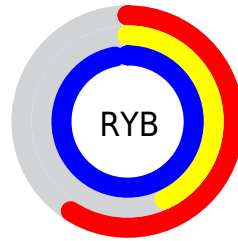
# Distribution



Red (59%)

Green (43%)

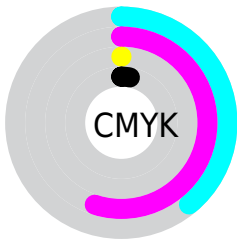
Blue (97%)



Red (59%)

Yellow (43%)

Blue (97%)

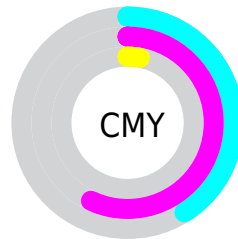


Cyan (39%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (41%)

Magenta (57%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.8770, 53.7976, 11.5089 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 137.8770, 53.7976, 11.5089 by changing the saturation by 10% instead.



■ 137.8770, 53.7976,  
11.5089

■ 137.8770, 53.7976,  
11.5089

255.0000, 0.0000,  
0.0000

■ 111.2250, 52.6401,  
9.4497

■ 187.5410, 33.2573,  
19.6965

■ 84.6870, 51.9193,  
7.2905

■ 212.0610, 21.1689,  
23.6255

■ 58.4370, 51.0566,  
4.0018

■ 233.2810, 10.7075,  
19.0476

■ 29.6210, 51.9518,  
-3.1756

■ 250.3040, 2.3151,  
4.1184

■ 12.4260, 47.6110,  
-10.8976

■ 9.5760, 36.6910,  
-8.3982

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 137.8770, 53.7976,  
11.5089

■ 137.8770, 53.7976,  
11.5089

■ 118.1190, 63.5383,  
13.9276

■ 157.6350, 44.0569,  
9.0901

■ 98.6490, 73.1370,  
15.2168

■ 177.1050, 34.4582,  
7.8009

■ 78.8910, 82.8777,  
17.6356

■ 196.8630, 24.7175,  
5.3821

■ 59.1330, 92.6184,  
20.0544

■ 216.6210, 14.9768,  
2.9634

■ 50.2840, 96.9810,  
20.7989

■ 236.6780, 5.0887,  
1.1594

■ 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.



111.2500, 70.8688, -97.5662



137.8770, 53.7976, 11.5089



131.1390, 30.0045, 83.1931

# Triad

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



137.8770, 53.7976, 11.5089



126.7510, -62.4882, 69.5014



113.7270, 16.8966, -99.7386

# Complementary

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



137.8770, 53.7976, 11.5089



219.1230, -53.7976, -11.5089

# 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.



103.7580, -13.6847, -90.9958



137.8770, 53.7976, 11.5089



125.5680, -61.9050, 22.3039

# Square

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



137.8770, 53.7976, 11.5089



123.4080, -31.7531, 104.8822



112.8340, -55.6272, -31.4264



120.7780, 46.4514, -105.9223



# Rectangle

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



137.8770, 53.7976, 11.5089



120.5590, 13.0354, 112.6428



112.8340, -55.6272, -31.4264



110.4040, 6.7028, -96.8243

# Sweetspot

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



137.8770, 53.7976, 11.5089



220.7890, 16.8660, 3.6930



183.1440, 31.4810, -64.1473



107.3560, 10.1775, 2.3188



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.



137.8770, 53.7976, 11.5089



118.7430, 67.1747, 14.2574



157.6110, 44.0688, 52.0842



112.5640, 4.6519, 1.2594



37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673



# Inverse Universe

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



161.9070, 21.7378, 74.6266



148.8090, 27.2092, 93.1295



199.3890, -44.0688, -52.0842



114.6140, 2.1623, 6.4775



70.4340, 29.3660, 101.3514

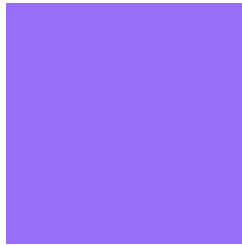


22.3150, 9.2117, 32.1727



# Previews

## White Background



This preview shows how the YUV color 137.8770, 53.7976, 11.5089 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

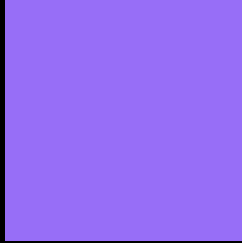
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 137.8770, 53.7976, 11.5089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

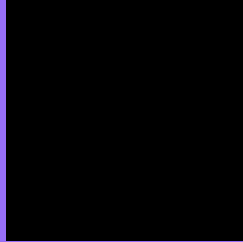
Any Text WCAG AA ✓ Pass

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 137.8770, 53.7976, 11.5089 Background



This preview shows how black text looks on a background with the YUV color 137.8770, 53.7976, 11.5089.



This preview shows how white text looks on a background with the YUV color 137.8770, 53.7976,



# 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

137.8770, 53.7976, 11.5089

### Protanopia

126.2990, 63.4496, -51.1282

### Deuteranopia

119.2440, 60.0257, -73.0050



## Tritanopia

134.8620, 5.9840, -6.0180

# Trichromacy



## Original Color

137.8770, 53.7976, 11.5089

## Protanomaly

130.2310, 60.0321, -28.2666

## Deuteranomaly

126.1600, 57.6021, -42.2363

## Tritanomaly

136.0750, 23.1340, -0.0658

# Monochromacy



## Original Color

137.8770, 53.7976, 11.5089

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.1850, 19.6288, 4.2228

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.8770, 53.7976, 11.5089 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(151, 110, 247)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 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(151, 110, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 247) }
```

## Border

The CSS property to change the border of an element to YUV 137.8770, 53.7976, 11.5089 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(151, 110, 247) }
```



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

```
.border{ border-color:rgb(151, 110, 247) }
```

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

Here you see how a box with a 4 pixel rgb(151, 110, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 247);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 137.8770, 53.7976, 11.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 247) }
```

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

```
.background{ background-color: rgb(151,  
110, 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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