

# Converting Colors

YUV(128.4420, 53.5191, 7.5054)

Have a look what the booklet for  
YUV(128.4420, 53.5191, 7.5054)  
contains.

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# Color

**YUV(128.4420, 53.5191,  
7.5054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8967ED
RGB	137, 103, 237
RGB Percent	54%, 40%, 93%
CMY	0.4627, 0.5961, 0.0706
CMYK	0.42, 0.57, 0.00, 0.07
HSL	255°, 79%, 67%
HSV	255°, 57%, 93%
XYZ	30.4528, 21.1333, 82.5949
YIQ	128.4420, -22.7500, 48.8820

# Conversions

## Conversions Part 2

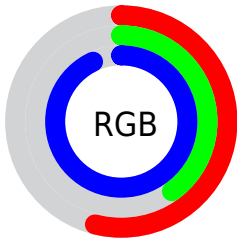
Format	Color
R <sub>Y</sub> B	137, 103, 237
Decimal	9005037
CIE Lab	53.10, 44.31, -63.27
CIE LCh	53, 77.246, 305.006
Yxy	21.1333, 0.2270, 0.1575
Android (android.graphics.Color)	4287195117 (0xFF8967ED)
YUV	128.4420, 53.5191, 7.5054
Hunter-Lab	45.9710, 37.7957, -74.3452

# Details

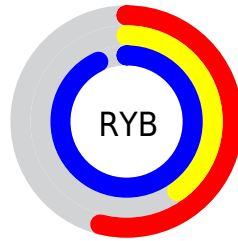
The YUV color **128.4420, 53.5191, 7.5054** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **211.5580, -53.5191, -7.5054**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3600, 37.7835, 14.5933**, and **75.5400, 51.4988, 2.1574** is the 20% darker color. If you saturate the color by 10%, you get **108.9720, 63.1178, 8.7946**, and if you desaturate by 10%, it is **147.9120, 43.9204, 6.2162**.

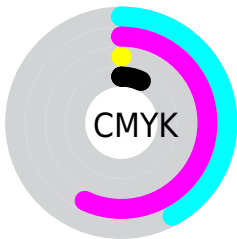
# Distribution



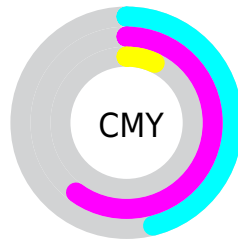
- Red (54%)
- Green (40%)
- Blue (93%)



- Red (54%)
- Yellow (40%)
- Blue (93%)



- Cyan (42%)
- Magenta (57%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (60%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.4420, 53.5191, 7.5054 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 128.4420, 53.5191, 7.5054 by changing the saturation by 10% instead.



■ 128.4420, 53.5191,  
7.5054

■ 128.4420, 53.5191,  
7.5054

255.0000, 0.0000,  
0.0000

■ 101.7900, 52.3615,  
5.4462

■ 178.3600, 37.7835,  
14.5933

■ 75.5400, 51.4988,  
2.1574

■ 203.1790, 25.5478,  
19.1370

■ 49.3930, 51.0783,  
-2.9757

■ 228.5850, 13.0226,  
23.1660

■ 17.8860, 53.3002,  
-15.6860

■ 245.6080, 4.6303,  
8.2368

■ 11.4000, 43.6798,  
-9.9978

■ 8.5500, 32.7599,  
-7.4984

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 128.4420, 53.5191,  
7.5054

■ 128.4420, 53.5191,  
7.5054

■ 108.9720, 63.1178,  
8.7946

■ 147.9120, 43.9204,  
6.2162

■ 90.3880, 72.2797,  
10.1837

■ 166.4960, 34.7585,  
4.8270

■ 70.9180, 81.8784,  
11.4729

■ 185.9660, 25.1598,  
3.5378

■ 51.4480, 91.4771,  
12.7621

■ 205.4360, 15.5611,  
2.2486

■ 44.9580, 94.6767,  
13.1918

■ 224.0200, 6.3991,  
0.8595

■ 243.4900, -3.1996,  
-0.4297

■ 252.9480, -7.8624,  
1.7996

# Harmonies

## Analogous

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



106.5540, 73.1839, -93.4479



128.4420, 53.5191, 7.5054



121.6440, 30.7415, 80.1192

# Triad

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



128.4420, 53.5191, 7.5054



118.1900, -58.2677, 69.1164



106.6030, 14.9857, -93.4908

# Complementary

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



128.4420, 53.5191, 7.5054



211.5580, -53.5191, -7.5054

# 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.



96.7480, -15.1588, -84.8480



128.4420, 53.5191, 7.5054



118.1920, -58.2687, 22.6336

# Square

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



128.4420, 53.5191, 7.5054



113.0920, -29.1324, 104.2823



106.0560, -52.2856, -29.8671



114.0130, 43.3776, -99.9894



# Rectangle

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



128.4420, 53.5191, 7.5054



109.5310, 15.5142, 110.9133



106.0560, -52.2856, -29.8671



103.2800, 4.7920, -90.5766

# Sweetspot

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



128.4420, 53.5191, 7.5054



220.1910, 17.1608, 2.4635



176.9760, 29.5918, -64.8770



106.7580, 10.4723, 1.0892



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.



128.4420, 53.5191, 7.5054



114.8780, 69.0801, 9.7540



148.1760, 43.7902, 48.0806



108.1510, 4.3626, 0.7446



34.3880, 72.2797, 10.1837



10.3420, 21.5234, 3.2081



# Inverse Universe

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



154.4660, 23.9273, 72.3823



148.4330, 30.8455, 93.4593



191.5250, -43.6428, -48.6954



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776

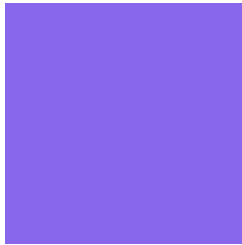


20.7060, 9.5119, 29.1988



# Previews

## White Background



This preview shows how the YUV color 128.4420, 53.5191, 7.5054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

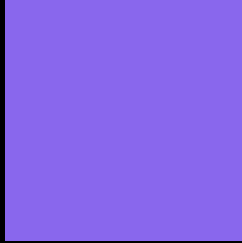
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 128.4420, 53.5191, 7.5054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

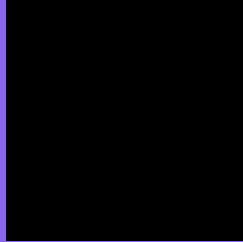
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 128.4420, 53.5191, 7.5054

## Background



This preview shows how black text looks on a background with the YUV color 128.4420, 53.5191, 7.5054.



This preview shows how white text looks on a background with the YUV color 128.4420, 53.5191, 7.5054.



# 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

128.4420, 53.5191, 7.5054

### Protanopia

110.2520, 71.3608, -68.6270

### Deuteranopia

101.7150, 62.2585, -89.2041



## Tritanopia

125.3560, 6.7265, -10.8362

# Trichromacy



## Original Color

128.4420, 53.5191, 7.5054



## Protanomaly

116.7070, 64.7274, -40.9620



## Deuteranomaly

111.7240, 58.8031, -54.1319



## Tritanomaly

126.8680, 23.7291, -4.2692

# Monochromacy



## Original Color

128.4420, 53.5191, 7.5054



## Achromatopsia

128.0000, 0.0000, 0.0000



## Achromatomaly

128.1740, 19.6342, 2.4784

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.4420, 53.5191, 7.5054 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(137, 103, 237)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 237)  
}
```

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(137, 103, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 237) }
```

## Border

The CSS property to change the border of an element to YUV 128.4420, 53.5191, 7.5054 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(137, 103, 237) }
```



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

```
.border{ border-color:rgb(137, 103, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 103, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 237);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 128.4420, 53.5191, 7.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 103, 237) }
```

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

```
.background{ background-color: rgb(137,  
103, 237) }
```

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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