

# Converting Colors

YUV(131.0250, 52.7387,  
24.5341)

Have a look what the booklet for  
YUV(131.0250, 52.7387, 24.5341)  
contains.

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# Color

**YUV(131.0250, 52.7387,  
24.5341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F60EE
RGB	159, 96, 238
RGB Percent	62%, 38%, 93%
CMY	0.3765, 0.6235, 0.0667
CMYK	0.33, 0.60, 0.00, 0.07
HSL	267°, 81%, 65%
HSV	267°, 60%, 93%
XYZ	33.9136, 21.9097, 83.3305
YIQ	131.0250, -8.0340, 57.5180

# Conversions

## Conversions Part 2

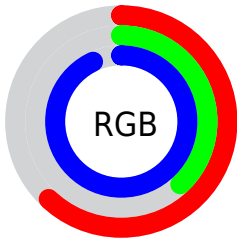
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 96, 238
Decimal	10445038
CIE Lab	53.93, 53.21, -62.37
CIE LCh	54, 81.983, 310.467
Yxy	21.9097, 0.2437, 0.1574
Android (android.graphics.Color)	4288635118 (0xFF9F60EE)
YUV	131.0250, 52.7387, 24.5341
Hunter-Lab	46.8078, 47.4145, -72.7866

# Details

The YUV color **131.0250, 52.7387, 24.5341** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **202.9750, -52.7387, -24.5341**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4160, 36.2769, 31.2072**, and **76.9600, 51.2917, 21.9601** is the 20% darker color. If you saturate the color by 10%, you get **113.0500, 61.6003, 28.8972**, and if you desaturate by 10%, it is **149.0000, 43.8770, 20.1710**.

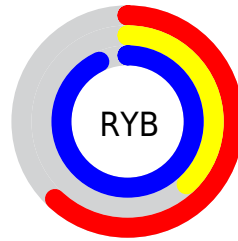
# Distribution



Red (62%)

Green (38%)

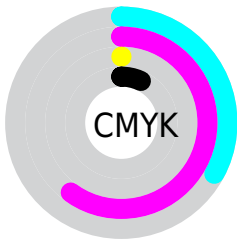
Blue (93%)



Red (62%)

Yellow (38%)

Blue (93%)

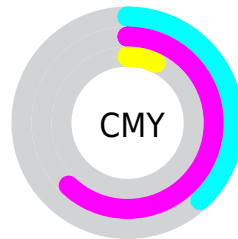


Cyan (33%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (62%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 131.0250, 52.7387, 24.5341 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 131.0250, 52.7387, 24.5341 by changing the saturation by 10% instead.



■ 131.0250, 52.7387,  
24.5341

■ 131.0250, 52.7387,  
24.5341

255.0000, 0.0000,  
0.0000

■ 103.7860, 51.8705,  
22.9897

■ 181.4160, 36.2769,  
31.2072

■ 76.9600, 51.2917,  
21.9601

■ 206.8220, 23.7518,  
35.2361

■ 48.7750, 51.8759,  
21.2453

■ 225.6500, 14.4696,  
25.7400

■ 26.7370, 49.4297,  
12.5087

■ 242.0860, 6.3666,  
11.3256

■ 11.5140, 44.1166,  
-10.0978

■ 8.6640, 33.1966,  
-7.5983

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 131.0250, 52.7387,  
24.5341

■ 131.0250, 52.7387,  
24.5341

■ 113.0500, 61.6003,  
28.8972

■ 149.0000, 43.8770,  
20.1710

■ 95.0750, 70.4620,  
33.2602

■ 166.9750, 35.0153,  
15.8079

■ 77.3880, 79.1817,  
36.4937

■ 184.6620, 26.2956,  
12.5744

■ 59.4130, 88.0434,  
40.8568

■ 202.6370, 17.4340,  
8.2114

■ 58.8260, 88.3328,  
41.3716

■ 220.6120, 8.5723,  
3.8483

■ 238.5870, -0.2894,  
-0.5148

■ 252.1650, -6.9833,  
-0.1447

■ 253.0620, -7.4256,  
1.6996

# Harmonies

## Analogous

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



105.3800, 73.7627, -92.4183



131.0250, 52.7387, 24.5341



116.9390, 30.1031, 98.2775

# Triad

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



131.0250, 52.7387, 24.5341



121.1030, -59.7038, 63.0537



110.7750, 20.8169, -97.1497

# Complementary

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



131.0250, 52.7387, 24.5341



202.9750, -52.7387, -24.5341

# 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.



100.4640, -11.0748, -88.1069



131.0250, 52.7387, 24.5341



118.7240, -58.5309, 13.3971

# Square

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



131.0250, 52.7387, 24.5341



114.5130, -37.7209, 105.6671



100.9180, -49.7526, -49.0401



117.8260, 50.3718, -103.3334



# Rectangle

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



131.0250, 52.7387, 24.5341



99.0650, 15.7440, 130.6160



100.9180, -49.7526, -49.0401



107.3380, 10.1864, -94.1354

# Sweetspot

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



131.0250, 52.7387, 24.5341



220.2240, 17.1446, 7.6966



159.1480, 38.8740, -55.3808



106.1930, 10.7509, 5.0927



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.



131.0250, 52.7387, 24.5341



116.4940, 68.2835, 32.0158



151.9550, 42.4202, 67.5685



110.8630, 4.5045, 1.8741



45.1950, 68.4309, 31.4010



13.8590, 20.7755, 9.7707



# Inverse Universe

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



147.4640, 13.5752, 79.4001



137.7580, 17.8673, 102.8212



182.0450, -42.4202, -67.5685



112.3860, 1.2887, 6.6775



66.6440, 17.4305, 102.9212

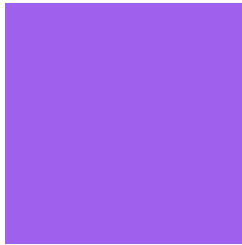


20.2780, 5.2859, 31.3282



# Previews

## White Background



This preview shows how the YUV color 131.0250, 52.7387, 24.5341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

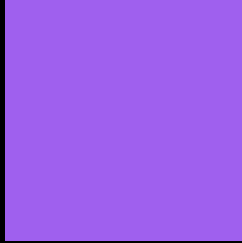
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 131.0250, 52.7387, 24.5341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

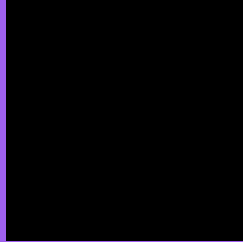
Any Text WCAG AA ✓ Pass

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 131.0250, 52.7387, 24.5341 Background



This preview shows how black text looks on a background with the YUV color 131.0250, 52.7387, 24.5341.



This preview shows how white text looks on a background with the YUV color 131.0250, 52.7387,



# 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

131.0250, 52.7387, 24.5341

### Protanopia

115.6010, 68.7237, -62.7941

### Deuteranopia

111.6030, 58.8627, -73.3198



## Tritanopia

130.3260, 2.3043, 7.6071

# Trichromacy



## Original Color

131.0250, 52.7387, 24.5341



## Protanomaly

121.0180, 63.0951, -30.7108



## Deuteranomaly

118.6660, 56.8597, -37.4181



## Tritanomaly

130.1800, 20.6173, 13.8741

# Monochromacy



## Original Color

131.0250, 52.7387, 24.5341



## Achromatopsia

131.0000, 0.0000, 0.0000



## Achromatomaly

130.8050, 19.3231, 8.9410

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 131.0250, 52.7387, 24.5341 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(159, 96, 238)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 238)  
}
```

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(159, 96, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 238) }
```

## Border

The CSS property to change the border of an element to YUV 131.0250, 52.7387, 24.5341 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(159, 96, 238) }
```



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

```
.border{ border-color:rgb(159, 96, 238) }
```

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

Here you see how a box with a 4 pixel rgb(159, 96, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 96, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 96, 238);  
box-shadow:4px 4px 4px 4px rgb(159, 96,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 131.0250, 52.7387, 24.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 238) }
```

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

```
.background{ background-color: rgb(159, 96,  
238) }
```

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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