

# Converting Colors

YUV(111.1120, 70.9368,  
20.9498)

Have a look what the booklet for  
YUV(111.1120, 70.9368, 20.9498)  
contains.

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# Color

**YUV(111.1120, 70.9368,  
20.9498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8747FF
RGB	135, 71, 255
RGB Percent	53%, 28%, 100%
CMY	0.4706, 0.7216, 0.0000
CMYK	0.47, 0.72, 0.00, 0.00
HSL	261°, 100%, 64%
HSV	261°, 72%, 100%
XYZ	30.2949, 16.8774, 96.2687
YIQ	111.1120, -20.9200, 70.7920

# Conversions

## Conversions Part 2

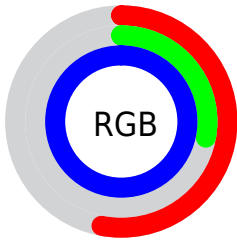
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 71, 255
Decimal	8865791
CIE Lab	48.11, 65.23, -81.43
CIE LCh	48, 104.335, 308.696
Yxy	16.8774, 0.2112, 0.1177
Android (android.graphics.Color)	4287055871 (0xFF8747FF)
YUV	111.1120, 70.9368, 20.9498
Hunter-Lab	41.0821, 59.7365, -110.1783

# Details

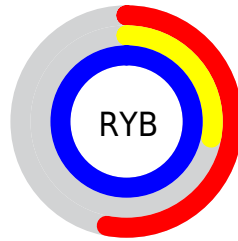
The YUV color **111.1120, 70.9368, 20.9498** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **214.8880, -70.9368, -20.9498**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0490, 46.3178, 30.6520**, and **48.0840, 73.4156, 19.2203** is the 20% darker color. If you saturate the color by 10%, you get **91.3540, 80.6775, 23.3685**, and if you desaturate by 10%, it is **131.4570, 60.9067, 18.0162**.

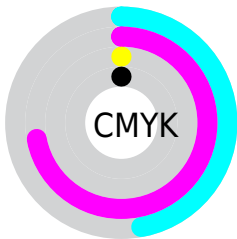
# Distribution



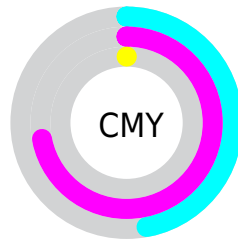
- Red (53%)
- Green (28%)
- Blue (100%)



- Red (53%)
- Yellow (28%)
- Blue (100%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.1120, 70.9368, 20.9498 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 111.1120, 70.9368, 20.9498 by changing the saturation by 10% instead.



111.1120, 70.9368,  
20.9498

111.1120, 70.9368,  
20.9498

255.0000, 0.0000,  
0.0000

82.1010, 70.9422,  
19.2054

161.0490, 46.3178,  
30.6520

48.0840, 73.4156,  
19.2203

186.1670, 33.9347,  
35.8105

26.4420, 70.2811,  
-2.1416

210.9750, 21.7043,  
38.6099

16.0740, 61.5885,  
-14.0969

227.4110, 13.6014,  
24.1956

13.1100, 50.2318,  
-11.4975

244.4340, 5.2090,  
9.2664

11.3200, 38.2962,  
-9.9276

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 111.1120, 70.9368,  
20.9498

■ 111.1120, 70.9368,  
20.9498

■ 91.3540, 80.6775,  
23.3685

■ 131.4570, 60.9067,  
18.0162

■ 71.3080, 90.5602,  
26.9169

■ 150.9160, 51.3134,  
14.9827

■ 55.6810, 98.2643,  
29.2208

■ 170.6740, 41.5727,  
12.5639

■ 191.0190, 31.5426,  
9.6303

■ 211.0650, 21.6600,  
6.0820

■ 230.8230, 11.9193,  
3.6632

■ 250.8690, 2.0366,  
0.1149

■ 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.



99.5100, 76.6566, -87.2703



111.1120, 70.9368, 20.9498



89.5890, 44.5726, 124.0174

# Triad

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



111.1120, 70.9368, 20.9498



105.5200, -52.0214, 72.3350



102.1350, 18.1744, -89.5724

# Complementary

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



111.1120, 70.9368, 20.9498



214.8880, -70.9368, -20.9498

# 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.



88.7290, -23.0374, -77.8153



111.1120, 70.9368, 20.9498



105.4230, -51.9735, 10.1530

# Square

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



111.1120, 70.9368, 20.9498



71.4610, -35.2303, 146.9317



79.8320, -39.3572, -70.0127



111.9390, 55.7391, -98.1705



# Rectangle

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



111.1120, 70.9368, 20.9498



90.1530, 15.7006, 144.5708



79.8320, -39.3572, -70.0127



98.0140, 4.9231, -85.9583

# Sweetspot

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



111.1120, 70.9368, 20.9498



211.0650, 21.6600, 6.0820



164.1770, 44.7757, -81.7162



101.4640, 13.0822, 3.9781



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.



111.1120, 70.9368, 20.9498



81.3310, 85.6188, 25.1427



137.7230, 57.8176, 75.6649



117.6780, 5.0887, 1.1594



41.8070, 73.5521, 22.0943



13.8740, 24.7121, 7.1265



# Inverse Universe

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



139.6960, 25.2929, 101.1216



115.9080, 30.6114, 121.9837



188.2770, -57.8176, -75.6649



119.7990, 1.5781, 7.1923



71.3590, 26.4450, 104.9252

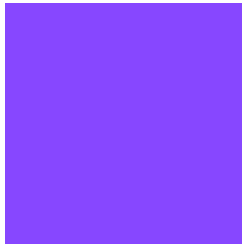


23.9240, 8.9115, 35.1467



# Previews

## White Background



This preview shows how the YUV color 111.1120, 70.9368, 20.9498 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

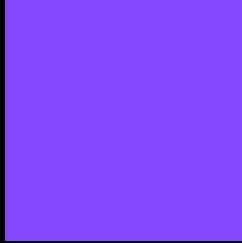
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.1120, 70.9368, 20.9498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

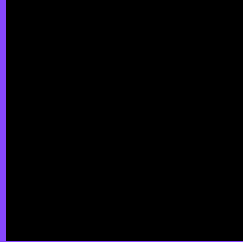
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 111.1120, 70.9368, 20.9498

## Background



This preview shows how black text looks on a background with the YUV color 111.1120, 70.9368, 20.9498.



This preview shows how white text looks on a background with the YUV color 111.1120, 70.9368,



# 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

111.1120, 70.9368, 20.9498

### Protanopia

91.0180, 69.5041, -79.8228

### Deuteranopia

91.4790, 53.5009, -80.2271



## Tritanopia

112.5410, 6.1423, -10.1215

# Trichromacy



## Original Color

111.1120, 70.9368, 20.9498



## Protanomaly

98.3630, 69.8270, -43.2914



## Deuteranomaly

98.4310, 59.9335, -43.3510



## Tritanomaly

112.0950, 29.5332, 0.7937

# Monochromacy



## Original Color

111.1120, 70.9368, 20.9498



## Achromatopsia

111.0000, 0.0000, 0.0000



## Achromatomaly

110.8140, 25.7277, 8.0561

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.1120, 70.9368, 20.9498 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(135, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 71, 255)  
}
```

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(135, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 71, 255) }
```

## Border

The CSS property to change the border of an element to YUV 111.1120, 70.9368, 20.9498 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(135, 71, 255) }
```



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

```
.border{ border-color:rgb(135, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(135, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 71,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 111.1120, 70.9368, 20.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 71, 255) }
```

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

```
.background{ background-color: rgb(135, 71,  
255) }
```

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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