

Converting Colors

YUV(111.9100, 70.5434, 7.0949)

Have a look what the booklet for
YUV(111.9100, 70.5434, 7.0949)
contains.

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Color

**YUV(111.9100, 70.5434,
7.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	7850FF
RGB	120, 80, 255
RGB Percent	47%, 31%, 100%
CMY	0.5294, 0.6863, 0.0000
CMYK	0.53, 0.69, 0.00, 0.00
HSL	254°, 100%, 66%
HSV	254°, 69%, 100%
XYZ	28.6644, 16.9504, 96.3687
YIQ	111.9100, -32.3350, 62.9050

Conversions

Conversions Part 2

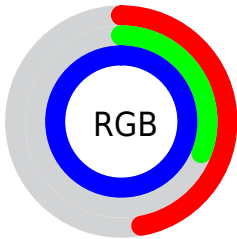
Format	Color
R _Y B	120, 80, 255
Decimal	7885055
CIE Lab	48.20, 58.59, -81.34
CIE LCh	48, 100.244, 305.766
Yxy	16.9504, 0.2019, 0.1194
Android (android.graphics.Color)	4286075135 (0xFF7850FF)
YUV	111.9100, 70.5434, 7.0949
Hunter-Lab	41.1709, 52.2281, -109.9606

Details

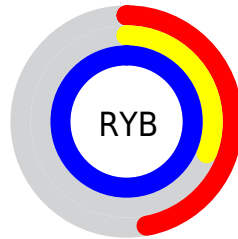
The YUV color **111.9100, 70.5434, 7.0949** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **223.0900, -70.5434, -7.0949**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9720, 46.3558, 18.4416**, and **54.1320, 70.4339, -4.5008** is the 20% darker color. If you saturate the color by 10%, you get **91.2550, 80.7263, 7.6694**, and if you desaturate by 10%, it is **133.1520, 60.0711, 6.0057**.

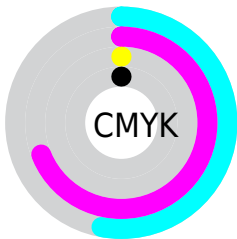
Distribution



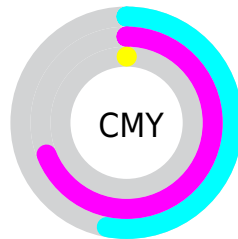
- Red (47%)
- Green (31%)
- Blue (100%)



- Red (47%)
- Yellow (31%)
- Blue (100%)



- Cyan (53%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9100, 70.5434, 7.0949 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 111.9100, 70.5434, 7.0949 by changing the saturation by 10% instead.

■ 111.9100, 70.5434,
7.0949

■ 111.9100, 70.5434,
7.0949

255.0000, 0.0000,
0.0000

■ 84.0620, 69.9754,
2.5766

■ 160.9720, 46.3558,
18.4416

■ 54.1320, 70.4339,
-4.5008

■ 186.0900, 33.9726,
23.6001

■ 19.2660, 73.8189,
-16.8963

■ 211.7950, 21.3001,
28.2438

■ 16.0740, 61.5885,
-14.0969

■ 231.5200, 11.5756,
20.5920

■ 13.1100, 50.2318,
-11.4975

■ 248.5430, 3.1833,
5.6628

■ 14.2550, 36.8493,
-12.5016

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 111.9100, 70.5434,
7.0949

■ 111.9100, 70.5434,
7.0949

■ 91.2550, 80.7263,
7.6694

■ 133.1520, 60.0711,
6.0057

■ 70.3120, 91.0512,
9.3734

■ 153.5080, 50.0356,
4.8165

■ 49.6570, 101.2341,
9.9478

■ 174.7500, 39.5632,
3.7273

■ 46.4120, 102.8339,
10.1627

■ 195.4050, 29.3803,
3.1528

■ 216.3480, 19.0554,
1.4488

■ 237.0030, 8.8725,
0.8744

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.



101.2710, 75.7884, -88.8147



111.9100, 70.5434, 7.0949



87.5820, 48.5201, 117.8846

Triad

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



111.9100, 70.5434, 7.0949



105.2540, -51.8902, 76.9532



100.4080, 14.0959, -88.0578

Complementary

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



111.9100, 70.5434, 7.0949



223.0900, -70.5434, -7.0949

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.



87.9310, -26.0950, -77.1155



111.9100, 70.5434, 7.0949



106.0540, -52.2846, 16.6156

Square

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



111.9100, 70.5434, 7.0949



73.2850, -28.2415, 145.3321



79.2450, -39.0678, -69.4979



110.5710, 50.4975, -96.9708

Rectangle

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



111.9100, 70.5434, 7.0949



89.2710, 20.0794, 140.0823



79.2450, -39.0678, -69.4979



96.5150, 1.7181, -84.6437

Sweetspot

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



111.9100, 70.5434, 7.0949



211.0430, 21.6708, 2.5933



180.3690, 36.7931, -88.0236



101.7410, 12.9457, 1.1041



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.



111.9100, 70.5434, 7.0949



84.1780, 84.2152, 8.6139



137.3250, 58.0138, 59.3510



117.3790, 5.2362, 0.5446



34.9300, 76.9425, 7.9544



11.7810, 25.7440, 2.8231

Inverse Universe

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



147.7150, 33.1715, 94.0889



126.8450, 39.5164, 112.3919



197.6750, -58.0138, -59.3510



120.0270, 2.4517, 6.9923



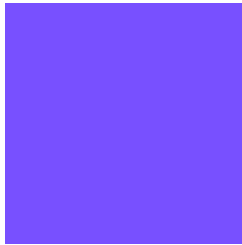
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 111.9100, 70.5434, 7.0949 looks on a white background.

Color Contrast Check

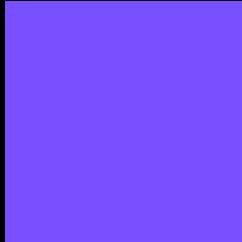
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.9100, 70.5434, 7.0949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

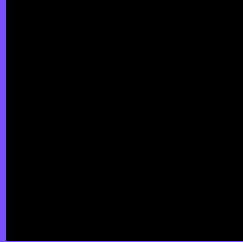
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.9100, 70.5434, 7.0949

Background



This preview shows how black text looks on a background with the YUV color 111.9100, 70.5434, 7.0949.



This preview shows how white text looks on a background with the YUV color 111.9100, 70.5434, 7.0949.

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

111.9100, 70.5434, 7.0949

Protanopia

91.0180, 69.5041, -79.8228

Deuteranopia

91.4790, 53.5009, -80.2271



Tritanopia

108.8810, 10.4117, -26.2056

Trichromacy



Original Color

111.9100, 70.5434, 7.0949



Protanomaly

98.6290, 69.6959, -47.9096



Deuteranomaly

99.2840, 59.5130, -48.4841



Tritanomaly

109.6910, 32.1973, -13.7610

Monochromacy



Original Color

111.9100, 70.5434, 7.0949



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

111.7810, 25.7440, 2.8231

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9100, 70.5434, 7.0949 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(120, 80, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 80, 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(120, 80, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 80, 255) }
```

Border

The CSS property to change the border of an element to YUV 111.9100, 70.5434, 7.0949 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(120, 80, 255) }
```


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

```
.border{ border-color:rgb(120, 80, 255) }
```

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

Here you see how a box with a 4 pixel rgb(120, 80, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 80, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 80, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 80,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 111.9100, 70.5434, 7.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 80, 255) }
```

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

```
.background{ background-color: rgb(120, 80,  
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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