

Converting Colors

YUV(111.0660, 57.1555, 7.8351)

Have a look what the booklet for
YUV(111.0660, 57.1555, 7.8351)
contains.

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Color

**YUV(111.0660, 57.1555,
7.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	7854E3
RGB	120, 84, 227
RGB Percent	47%, 33%, 89%
CMY	0.5294, 0.6706, 0.1098
CMYK	0.47, 0.63, 0.00, 0.11
HSL	255°, 72%, 61%
HSV	255°, 63%, 89%
XYZ	24.7812, 15.8798, 74.4320
YIQ	111.0660, -24.4470, 52.1050

Conversions

Conversions Part 2

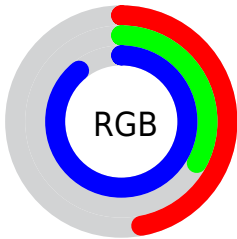
Format	Color
R_{YB}	120, 84, 227
Decimal	7886051
CIE _{Lab}	46.82, 48.66, -67.88
CIE _{LCh}	47, 83.519, 305.636
Yxy	15.8798, 0.2153, 0.1380
Android (android.graphics.Color)	4286076131 (0xFF7854E3)
YUV	111.0660, 57.1555, 7.8351
Hunter-Lab	39.8494, 41.2674, -82.8492

Details

The YUV color **111.0660, 57.1555, 7.8351** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **199.9340, -57.1555, -7.8351**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8360, 45.9299, 15.0528**, and **57.2670, 55.5774, 0.6428** is the 20% darker color. If you saturate the color by 10%, you get **92.4820, 66.3174, 9.2243**, and if you desaturate by 10%, it is **129.6500, 47.9936, 6.4460**.

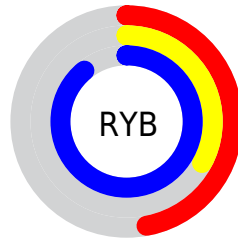
Distribution



Red (47%)

Green (33%)

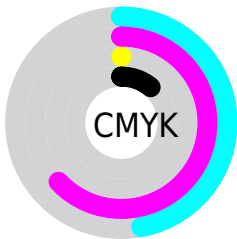
Blue (89%)



Red (47%)

Yellow (33%)

Blue (89%)

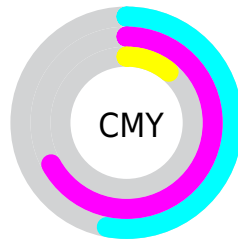


Cyan (47%)

Magenta (63%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (67%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0660, 57.1555, 7.8351 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 111.0660, 57.1555, 7.8351 by changing the saturation by 10% instead.

■ 111.0660, 57.1555,
7.8351

■ 111.0660, 57.1555,
7.8351

255.0000, 0.0000,
0.0000

■ 84.1150, 56.1453,
5.1611

■ 161.8360, 45.9299,
15.0528

■ 57.2670, 55.5774,
0.6428

■ 186.6550, 33.6941,
19.5966

■ 25.1730, 58.0887,
-11.5527

■ 212.0610, 21.1689,
23.6255

■ 13.3380, 51.1054,
-11.6974

■ 233.2810, 10.7075,
19.0476

■ 10.3740, 39.7486,
-9.0980

■ 250.3040, 2.3151,
4.1184

■ 11.7470, 27.2397,
-10.3021

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 111.0660, 57.1555,
7.8351

■ 111.0660, 57.1555,
7.8351

■ 92.4820, 66.3174,
9.2243

■ 129.6500, 47.9936,
6.4460

■ 74.4850, 75.1899,
10.0987

■ 147.6470, 39.1210,
5.5716

■ 55.9010, 84.3518,
11.4878

■ 166.2310, 29.9591,
4.1824

■ 42.9210, 90.7509,
12.3473

■ 184.8150, 20.7972,
2.7932

■ 202.8120, 11.9247,
1.9189

■ 221.3960, 2.7628,
0.5297

■ 239.9800, -6.3991,
-0.8595

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



97.5210, 76.6511, -85.5259



111.0660, 57.1555, 7.8351



91.2190, 38.8390, 96.2779

Triad

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



111.0660, 57.1555, 7.8351



103.1280, -50.8421, 67.4167



95.6150, 13.5008, -83.8544

Complementary

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



111.0660, 57.1555, 7.8351



199.9340, -57.1555, -7.8351

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.



85.1900, -18.8277, -74.7116



111.0660, 57.1555, 7.8351



103.4070, -50.9797, 18.0601

Square

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



111.0660, 57.1555, 7.8351



86.4400, -26.8389, 115.3781



87.0960, -42.9383, -41.3032



103.4810, 43.6399, -90.7528

Rectangle

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



111.0660, 57.1555, 7.8351



81.1120, 21.1438, 125.3128



87.0960, -42.9383, -41.3032



92.1780, 2.8702, -80.8401

Sweetspot

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



111.0660, 57.1555, 7.8351



216.0600, 19.1974, 2.5784



163.1110, 31.4973, -69.3803



103.8120, 11.9247, 1.9189



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.



111.0660, 57.1555, 7.8351



97.7670, 77.5159, 10.7283



132.2950, 46.6896, 51.4843



105.2650, 4.7994, 0.6446



33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Inverse Universe

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



138.9550, 25.6582, 77.2155



135.5360, 34.7388, 104.7699



178.7050, -46.6896, -51.4843



107.6140, 2.1623, 6.4775



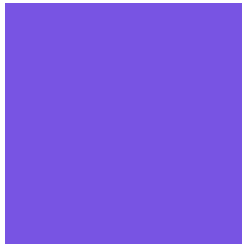
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 111.0660, 57.1555, 7.8351 looks on a white background.

Color Contrast Check

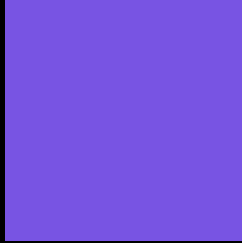
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.0660, 57.1555, 7.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

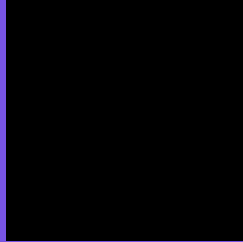
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.0660, 57.1555, 7.8351

Background



This preview shows how black text looks on a background with the YUV color 111.0660, 57.1555, 7.8351.



This preview shows how white text looks on a background with the YUV color 111.0660, 57.1555, 7.8351.

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

111.0660, 57.1555, 7.8351

Protanopia

88.5730, 67.7515, -77.6785

Deuteranopia

88.7890, 53.3480, -77.8680



Tritanopia

108.4480, 7.1741, -14.4249

Trichromacy



Original Color

111.0660, 57.1555, 7.8351

Protanomaly

97.0330, 63.5807, -46.5099

Deuteranomaly

96.7420, 54.8502, -46.2547

Tritanomaly

109.3130, 25.4817, -6.4135

Monochromacy



Original Color

111.0660, 57.1555, 7.8351

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8150, 20.7972, 2.7932

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0660, 57.1555, 7.8351 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, 84, 227)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 227)  
}
```

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, 84, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 227) }
```

Border

The CSS property to change the border of an element to YUV 111.0660, 57.1555, 7.8351 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, 84, 227) }
```


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

```
.border{ border-color:rgb(120, 84, 227) }
```

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

Here you see how a box with a 4 pixel rgb(120, 84, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 227);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 111.0660, 57.1555, 7.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 227) }
```

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

```
.background{ background-color: rgb(120, 84,  
227) }
```

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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