

Converting Colors

YUV(111.6440, 67.2235,
-1.4418)

Have a look what the booklet for
YUV(111.6440, 67.2235, -1.4418)
contains.

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Color

**YUV(111.6440, 67.2235,
-1.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	6E56F8
RGB	110, 86, 248
RGB Percent	43%, 34%, 97%
CMY	0.5686, 0.6627, 0.0275
CMYK	0.56, 0.65, 0.00, 0.03
HSL	249°, 92%, 65%
HSV	249°, 65%, 97%
XYZ	26.7015, 16.7479, 90.6323
YIQ	111.6440, -37.6980, 55.4700

Conversions

Conversions Part 2

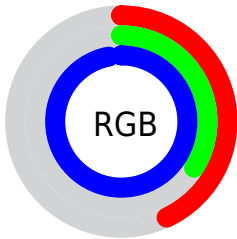
Format	Color
R _Y B	110, 86, 248
Decimal	7231224
CIE Lab	47.94, 51.86, -77.89
CIE LCh	48, 93.578, 303.656
Yxy	16.7479, 0.1991, 0.1249
Android (android.graphics.Color)	4285421304 (0xFF6E56F8)
YUV	111.6440, 67.2235, -1.4418
Hunter-Lab	40.9242, 44.8472, -102.6590

Details

The YUV color **111.6440, 67.2235, -1.4418** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **222.3560, -67.2235, 1.4418**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9170, 46.3829, 9.7198**, and **54.1320, 66.9829, -17.6558** is the 20% darker color. If you saturate the color by 10%, you get **90.6900, 77.5538, -1.4821**, and if you desaturate by 10%, it is **132.5980, 56.8932, -1.4014**.

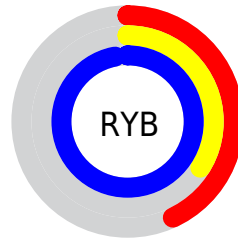
Distribution



Red (43%)

Green (34%)

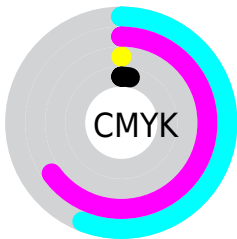
Blue (97%)



Red (43%)

Yellow (34%)

Blue (97%)

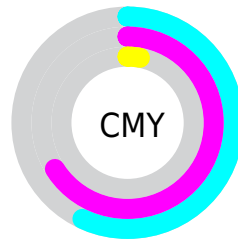


Cyan (56%)

Magenta (65%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (66%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6440, 67.2235, -1.4418 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 111.6440, 67.2235, -1.4418 by changing the saturation by 10% instead.

■ 111.6440, 67.2235,
-1.4418

■ 111.6440, 67.2235,
-1.4418

255.0000, 0.0000,
0.0000

■ 83.7960, 66.6556,
-5.9601

■ 160.9170, 46.3829,
9.7198

■ 54.1320, 66.9829,
-17.6558

■ 186.0350, 33.9997,
14.8783

■ 26.0990, 66.9992,
-22.8888

■ 211.4410, 21.4746,
18.9072

■ 15.3900, 58.9677,
-13.4970

■ 234.4550, 10.1287,
18.0180

■ 12.4260, 47.6110,
-10.8976

■ 251.4780, 1.7363,
3.0888

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 111.6440, 67.2235,
-1.4418

■ 111.6440, 67.2235,
-1.4418

■ 90.6900, 77.5538,
-1.4821

■ 132.5980, 56.8932,
-1.4014

■ 69.7360, 87.8842,
-1.5225

■ 153.5520, 46.5629,
-1.3611

■ 49.3690, 97.9251,
-2.0776

■ 173.9190, 36.5219,
-0.8060

■ 39.3350, 102.8718,
-2.0478

■ 195.1720, 26.0442,
-0.1508

■ 216.1260, 15.7139,
-0.1105

■ 237.0800, 5.3836,
-0.0702

■ 254.2020, -3.0576,
0.6998

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



111.6440, 67.2235, -1.4418



84.2930, 50.1416, 111.1220

Triad

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



111.6440, 67.2235, -1.4418



103.7810, -51.1640, 77.3681



98.4360, 11.6171, -86.3284

Complementary

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



111.6440, 67.2235, -1.4418



222.3560, -67.2235, 1.4418

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.



85.9420, -26.1004, -75.3711



111.6440, 67.2235, -1.4418



106.0870, -52.3009, 21.8487

Square

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



111.6440, 67.2235, -1.4418



73.0870, -21.2419, 140.2437



87.9490, -43.3589, -46.4363



108.0290, 45.8347, -94.7414

Rectangle

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



111.6440, 67.2235, -1.4418



86.4380, 23.4481, 132.9199



87.9490, -43.3589, -46.4363



94.6570, -0.3239, -83.0142

Sweetspot

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



111.6440, 67.2235, -1.4418



212.2060, 21.0974, -0.1807



186.6480, 30.2465, -88.2683



101.7300, 12.9511, -0.6402



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.



111.6440, 67.2235, -1.4418



87.6560, 82.5006, -1.4523



135.2650, 55.5784, 47.1256



114.0800, 5.3836, -0.0702



29.9180, 78.4274, -1.6821



9.6450, 25.3180, -0.5657

Inverse Universe

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



150.1700, 36.3982, 85.7969



134.8810, 44.9217, 105.3444



198.7350, -55.5784, -47.1256



117.1410, 2.8885, 6.8923



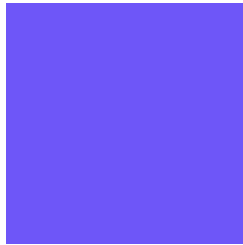
74.8650, 42.4646, 100.0964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 111.6440, 67.2235, -1.4418 looks on a white background.

Color Contrast Check

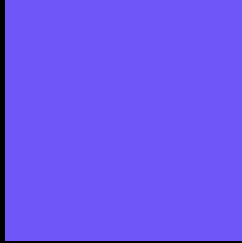
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6440, 67.2235, -1.4418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

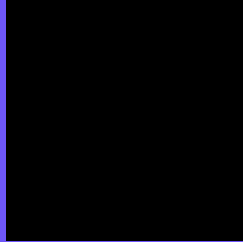
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.6440, 67.2235, -1.4418

Background



This preview shows how black text looks on a background with the YUV color 111.6440, 67.2235, -1.4418.



This preview shows how white text looks on a background with the YUV color 111.6440, 67.2235, -1.4418.

-1.4418.

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

111.6440, 67.2235, -1.4418

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.7780, 53.3534, -79.6123



Tritanopia

105.9940, 12.3280, -34.1977

Trichromacy



Original Color

111.6440, 67.2235, -1.4418

Protanomaly

98.2650, 68.3964, -51.0984

Deuteranomaly

98.3330, 58.5028, -51.1580

Tritanomaly

108.0490, 32.5138, -21.9680

Monochromacy



Original Color

111.6440, 67.2235, -1.4418

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0040, 24.1550, -0.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6440, 67.2235, -1.4418 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(110, 86, 248)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 248)  
}
```

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(110, 86, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 248) }
```

Border

The CSS property to change the border of an element to YUV 111.6440, 67.2235, -1.4418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

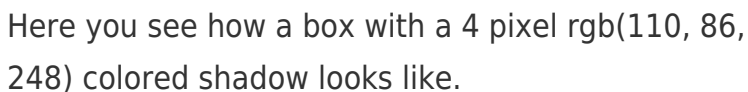
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 86, 248) }
```


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

```
.border{ border-color:rgb(110, 86, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 86, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 86, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 86, 248); box-shadow:4px 4px 4px 4px rgb(110, 86, 248) }
```

Background

The CSS property to change the background color of an element to YUV 111.6440, 67.2235, -1.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 248) }
```

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

```
.background{ background-color: rgb(110, 86,  
248) }
```

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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