

Converting Colors

YUV(111.8470, 5.4984, 9.7812)

Have a look what the booklet for
YUV(111.8470, 5.4984, 9.7812)
contains.

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Color

**YUV(111.8470, 5.4984,
9.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	7B687B
RGB	123, 104, 123
RGB Percent	48%, 41%, 48%
CMY	0.5176, 0.5922, 0.5176
CMYK	0.00, 0.15, 0.00, 0.52
HSL	300°, 8%, 45%
HSV	300°, 15%, 48%
XYZ	16.6938, 15.5416, 20.8589
YIQ	111.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

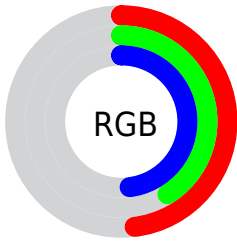
Format	Color
R_{YB}	123, 104, 123
Decimal	8087675
CIE _{Lab}	46.37, 11.19, -7.76
CIE _{LCh}	46, 13.617, 325.238
Yxy	15.5416, 0.3144, 0.2927
Android (android.graphics.Color)	4286277755 (0xFF7B687B)
YUV	111.8470, 5.4984, 9.7812
Hunter-Lab	39.4229, 6.5968, -3.7746

Details

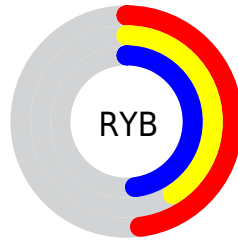
The YUV color **111.8470, 5.4984, 9.7812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1530, -5.4984, -9.7812**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5590, 5.6404, 10.9108**, and **64.0210, 4.9196, 8.7516** is the 20% darker color. If you saturate the color by 10%, you get **104.8030, 8.9711, 15.9588**, and if you desaturate by 10%, it is **118.8910, 2.0257, 3.6036**.

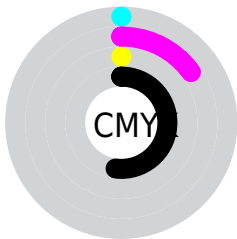
Distribution



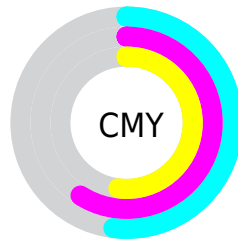
- Red (48%)
- Green (41%)
- Blue (48%)



- Red (48%)
- Yellow (41%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8470, 5.4984, 9.7812 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 111.8470, 5.4984, 9.7812 by changing the saturation by 10% instead.


 111.8470, 5.4984,
9.7812

 111.8470, 5.4984,
9.7812

255.0000, 0.0000,
0.0000

 87.4340, 5.2090,
9.2664


 163.5590, 5.6404,
10.9108


 64.0210, 4.9196,
8.7516


 190.6730, 6.0772,
10.8108


 41.7220, 5.0671,
8.1368

 218.6730, 6.0772,
10.8108

 21.3090, 4.7777,
7.6220

 245.0210, 4.9196,
8.7516

 0.4560, 1.7472,
-0.3999

 0.0000, 0.0000,
0.0000

■ 111.8470, 5.4984,
9.7812

■ 111.8470, 5.4984,
9.7812

■ 104.8030, 8.9711,
15.9588

■ 118.8910, 2.0257,
3.6036

■ 97.1720, 12.7332,
22.6512

■ 126.5220, -1.7363,
-3.0888

■ 90.1280, 16.2059,
28.8287

■ 133.5660, -5.2090,
-9.2664

■ 83.0840, 19.6786,
35.0063

■ 140.6100, -8.6817,
-15.4440

■ 75.4530, 23.4407,
41.6987

■ 148.2410,
-12.4438, -22.1364

■ 68.4090, 26.9134,
47.8763

■ 155.2850,
-15.9165, -28.3139

■ 61.3650, 30.3861,
54.0539

■ 162.3290,
-19.3892, -34.4915

■ 54.3210, 33.8587,

■ 169.3730,

60.2315

-22.8619, -40.6691

■ 50.7990, 35.5951,
63.3203

■ 177.0040,
-26.6240, -47.3615

Harmonies

Analogous

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



111.1060, 9.3147, -0.9700



111.8470, 5.4984, 9.7812



112.1100, -0.0542, 17.4435

Triad

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



111.8470, 5.4984, 9.7812



109.4930, -11.0890, 10.0916



105.2790, 6.7645, -23.0467

Complementary

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



111.8470, 5.4984, 9.7812



115.1530, -5.4984, -9.7812

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.



105.5200, 1.2226, -18.8730



111.8470, 5.4984, 9.7812



108.1820, -9.4567, -0.1596

Square

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



111.8470, 5.4984, 9.7812



110.9930, -9.3635, 16.6691



106.9680, -4.9142, -10.4959



106.9140, 10.3954, -20.9726

Rectangle

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



111.8470, 5.4984, 9.7812



111.7960, -3.8434, 19.4729



106.9680, -4.9142, -10.4959



105.1220, 4.8699, -22.0320

Sweetspot

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



111.8470, 5.4984, 9.7812



156.3040, 2.3151, 4.1184



106.1660, 8.2992, -1.8996



79.0650, 1.4470, 2.5740



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.8470, 5.4984, 9.7812



142.8030, 8.9711, 15.9588



110.8210, 1.5672, 10.6810



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Inverse Universe

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



111.8470, 5.4984, 9.7812



142.8030, 8.9711, 15.9588



116.2930, -1.1304, -10.7810



57.4780, 1.7363, 3.0888



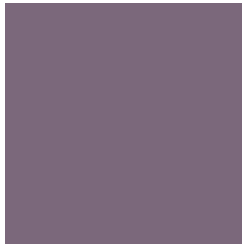
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 111.8470, 5.4984, 9.7812 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 111.8470, 5.4984, 9.7812 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 111.8470, 5.4984, 9.7812

Background



This preview shows how black text looks on a background with the YUV color 111.8470, 5.4984, 9.7812.



This preview shows how white text looks on a background with the YUV color 111.8470, 5.4984,

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

111.8470, 5.4984, 9.7812

Protanopia

110.3400, 7.7204, -2.9292

Deuteranopia

111.1020, 5.3727, 3.4185



Tritanopia

111.6960, 1.1359, 9.0366

Trichromacy



Original Color

111.8470, 5.4984, 9.7812

Protanomaly

110.8460, 6.9779, 1.8891

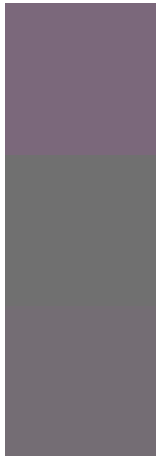
Deuteranomaly

111.4120, 5.2199, 5.7777

Tritanomaly

111.4510, 2.7357, 9.2515

Monochromacy



Original Color

111.8470, 5.4984, 9.7812

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8470, 5.4984, 9.7812 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(123, 104, 123)` looks like.

```
.text, #text, p{  
    color:rgb(123, 104, 123)  
}
```

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(123, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 104, 123) }
```

Border

The CSS property to change the border of an element to YUV 111.8470, 5.4984, 9.7812 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(123, 104, 123) }
```


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

```
.border{ border-color:rgb(123, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 104, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 104, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 104,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 111.8470, 5.4984, 9.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 104, 123) }
```

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

```
.background{ background-color: rgb(123,  
104, 123) }
```

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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