

Converting Colors

YUV(116.8240, 10.4398,
11.5554)

Have a look what the booklet for
YUV(116.8240, 10.4398, 11.5554)
contains.

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Color

**YUV(116.8240, 10.4398,
11.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	826A8A
RGB	130, 106, 138
RGB Percent	51%, 42%, 54%
CMY	0.4902, 0.5843, 0.4588
CMYK	0.06, 0.23, 0.00, 0.46
HSL	285°, 13%, 48%
HSV	285°, 23%, 54%
XYZ	18.9474, 16.8889, 26.3060
YIQ	116.8240, 4.0320, 15.0400

Conversions

Conversions Part 2

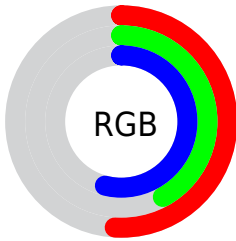
Format	Color
R _Y B	130, 106, 138
Decimal	8546954
CIE Lab	48.12, 15.71, -14.01
CIE LCh	48, 21.048, 318.259
Yxy	16.8889, 0.3049, 0.2718
Android (android.graphics.Color)	4286737034 (0xFF826A8A)
YUV	116.8240, 10.4398, 11.5554
Hunter-Lab	41.0961, 10.3795, -9.1849

Details

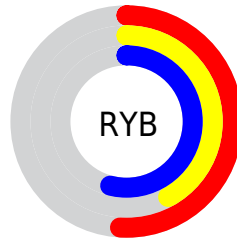
The YUV color **116.8240, 10.4398, 11.5554** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.1760, -10.4398, -11.5554**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6500, 11.0186, 12.5850**, and **68.5850, 9.5716, 10.0110** is the 20% darker color. If you saturate the color by 10%, you get **107.7090, 14.9335, 16.9182**, and if you desaturate by 10%, it is **125.9390, 5.9461, 6.1925**.

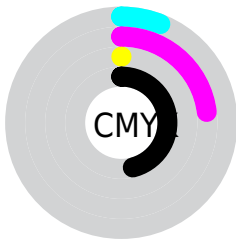
Distribution



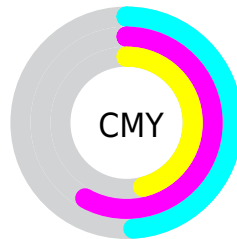
- Red (51%)
- Green (42%)
- Blue (54%)



- Red (51%)
- Yellow (42%)
- Blue (54%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)




- Cyan (49%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8240, 10.4398, 11.5554 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 116.8240, 10.4398, 11.5554 by changing the saturation by 10% instead.

 116.8240, 10.4398,
11.5554


 116.8240, 10.4398,
11.5554


255.0000, 0.0000,
0.0000


 92.4110, 10.1504,
11.0406

 168.6500, 11.0186,
12.5850


 68.5850, 9.5716,
10.0110


 196.0630, 11.3079,
13.0997

 46.1720, 9.2822,
9.4962

 224.1770, 11.7447,
12.9998

 24.6450, 8.5560,
9.0813

 246.1950, 4.3409,
7.7220

 4.6010, 8.5777,
2.1039

 0.0000, 0.0000,
0.0000

■ 116.8240, 10.4398,
11.5554

■ 116.8240, 10.4398,
11.5554

■ 107.7090, 14.9335,
16.9182

■ 125.9390, 5.9461,
6.1925

■ 98.2950, 19.5746,
21.6663

■ 135.3530, 1.3050,
1.4444

■ 89.7670, 23.7789,
26.5143

■ 143.8810, -2.8993,
-3.4036

■ 80.3530, 28.4200,
31.2624

■ 153.2950, -7.5404,
-8.1517

■ 71.2380, 32.9137,
36.6253

■ 162.4100,
-12.0341, -13.5146

■ 61.8240, 37.5548,
41.3734

■ 171.8240,
-16.6752, -18.2626

■ 52.7090, 42.0485,
46.7362


■ 180.9390,
-21.1689, -23.6255

■ 46.8280, 44.9478,

■ 189.7660,

50.1398

-25.5206, -27.8588

 198.8810,
-30.0143, -33.2216

Harmonies

Analogous

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



114.6090, 16.4618, -6.6731



116.8240, 10.4398, 11.5554



117.1370, 2.3975, 24.4359

Triad

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



116.8240, 10.4398, 11.5554



114.0440, -16.7837, 16.6244



105.2770, 9.7234, -38.8309

Complementary

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



116.8240, 10.4398, 11.5554



127.1760, -10.4398, -11.5554

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.



107.2970, -0.6394, -28.3245



116.8240, 10.4398, 11.5554



112.4830, -16.0141, 3.0844

Square

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



116.8240, 10.4398, 11.5554



115.3210, -13.4693, 26.9055



109.9910, -9.8556, -12.2701



106.1120, 16.7068, -38.6862

Rectangle

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



116.8240, 10.4398, 11.5554



116.6770, -3.2918, 29.2243



109.9910, -9.8556, -12.2701



105.7890, 6.5130, -35.7720

Sweetspot

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



116.8240, 10.4398, 11.5554



170.1730, 4.3517, 4.2333



114.3440, 11.6624, -7.3177



84.2930, 2.3206, 2.3740



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.8240, 10.4398, 11.5554



145.7630, 16.3858, 17.7478



118.3040, 5.7661, 17.2734



64.2930, 2.3206, 2.3740



44.7630, 43.5008, 47.5658



1.7660, 1.5944, 1.9592

Inverse Universe

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



116.4800, -1.2226, 18.8730



145.3180, -2.1288, 29.5391



125.6960, -5.7661, -17.2734



64.3210, -0.1583, 4.1035



43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 116.8240, 10.4398, 11.5554 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 116.8240, 10.4398, 11.5554 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 116.8240, 10.4398, 11.5554 Background



This preview shows how black text looks on a background with the YUV color 116.8240, 10.4398, 11.5554.



This preview shows how white text looks on a background with the YUV color 116.8240, 10.4398,

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

116.8240, 10.4398, 11.5554

Protanopia

114.6260, 13.9884, -6.6880

Deuteranopia

115.4480, 10.6251, -1.2699



Tritanopia

115.9950, 0.9885, 9.6514

Trichromacy



Original Color

116.8240, 10.4398, 11.5554

Protanomaly

115.0290, 12.8037, -0.0254

Deuteranomaly

116.0680, 10.3195, 3.4484

Tritanomaly

116.5050, 4.1880, 10.0811

Monochromacy



Original Color

116.8240, 10.4398, 11.5554

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8240, 10.4398, 11.5554 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(130, 106, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 106, 138)  
}
```

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(130, 106, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 106, 138) }
```

Border

The CSS property to change the border of an element to YUV 116.8240, 10.4398, 11.5554 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(130, 106, 138) }
```


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

```
.border{ border-color:rgb(130, 106, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 106, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 106, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 106, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 106,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 116.8240, 10.4398, 11.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 106, 138) }
```

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

```
.background{ background-color: rgb(130,  
106, 138) }
```

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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