

Converting Colors

YUV(111.8570, 10.4235,
16.7884)

Have a look what the booklet for
YUV(111.8570, 10.4235, 16.7884)
contains.

YUV(111.8570, 10.4235, 16.7884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.8570, 10.4235,
16.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	836285
RGB	131, 98, 133
RGB Percent	51%, 38%, 52%
CMY	0.4863, 0.6157, 0.4784
CMYK	0.02, 0.26, 0.00, 0.48
HSL	297°, 15%, 45%
HSV	297°, 26%, 52%
XYZ	17.9614, 15.2541, 24.1880
YIQ	111.8570, 8.4330, 17.8810

Conversions

Conversions Part 2

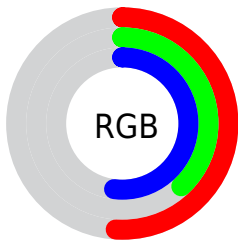
Format	Color
R_{YB}	131, 98, 133
Decimal	8610437
CIE Lab	45.98, 19.77, -14.27
CIE LCh	46, 24.379, 324.188
Yxy	15.2541, 0.3129, 0.2657
Android (android.graphics.Color)	4286800517 (0xFF836285)
YUV	111.8570, 10.4235, 16.7884
Hunter-Lab	39.0565, 13.7401, -9.3791

Details

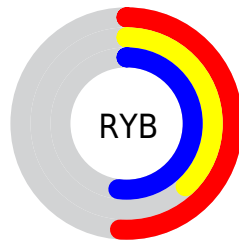
The YUV color $[111.8570, 10.4235, 16.7884]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[119.1430, -10.4235, -16.7884]$, and the grayscale version is $[112.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[163.6830, 11.0023, 17.8180]$, and $[63.6180, 9.5553, 15.2440]$ is the 20% darker color. If you saturate the color by 10%, you get $[103.9270, 14.3330, 22.8660]$, and if you desaturate by 10%, it is $[119.7870, 6.5140, 10.7108]$.

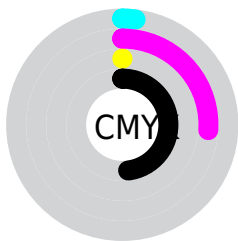
Distribution



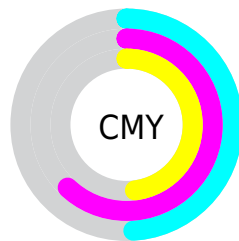
- Red (51%)
- Green (38%)
- Blue (52%)



- Red (51%)
- Yellow (38%)
- Blue (52%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8570, 10.4235, 16.7884 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 111.8570, 10.4235, 16.7884 by changing the saturation by 10% instead.

■ 111.8570, 10.4235,
16.7884

■ 111.8570, 10.4235,
16.7884

■ 255.0000, 0.0000,
0.0000

■ 87.4440, 10.1341,
16.2736

■ 163.6830, 11.0023,
17.8180

■ 63.6180, 9.5553,
15.2440

■ 191.0960, 11.2917,
18.3328

■ 40.9060, 9.4133,
14.1144

■ 218.8080, 11.4337,
19.4624

■ 18.9060, 9.4133,
14.1144

■ 241.4990, 6.6560,
11.8404

■ 1.9380, 7.4256,
-1.6996

■ 0.0000, 0.0000,
0.0000

■ 111.8570, 10.4235,
16.7884

■ 111.8570, 10.4235,
16.7884

■ 103.9270, 14.3330,
22.8660

■ 119.7870, 6.5140,
10.7108

■ 95.4100, 18.5319,
29.4584

■ 128.3040, 2.3151,
4.1184

■ 87.7790, 22.2940,
36.1508

■ 135.9350, -1.4470,
-2.5740

■ 79.8490, 26.2034,
42.2284

■ 143.8650, -5.3564,
-8.6516

■ 71.9190, 30.1129,
48.3060

■ 152.3820, -9.5553,
-15.2440

■ 63.4020, 34.3118,
54.8984

■ 160.3120,
-13.4648, -21.3216

■ 55.7710, 38.0739,
61.5908


■ 167.9430,
-17.2269, -28.0140

■ 52.5370, 39.6683,

■ 175.8730,

63.5501

-21.1364, -34.0916

 184.3900,
-25.3353, -40.6840

Harmonies

Analogous

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



109.9730, 17.7613, -3.4843



111.8570, 10.4235, 16.7884



111.8280, 1.0708, 29.9688

Triad

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



111.8570, 10.4235, 16.7884



107.6480, -19.5465, 16.0947



96.0520, 14.2714, -50.9116

Complementary

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



111.8570, 10.4235, 16.7884



119.1430, -10.4235, -16.7884

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.



99.3390, 2.2979, -37.1313



111.8570, 10.4235, 16.7884



106.1190, -17.3137, -0.1044

Square

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



111.8570, 10.4235, 16.7884



109.3490, -15.9481, 28.6349



102.7730, -9.2551, -18.2179



98.2080, 21.0965, -46.6634

Rectangle

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



111.8570, 10.4235, 16.7884



111.1290, -5.4866, 33.2129



102.7730, -9.2551, -18.2179



96.7490, 10.4767, -47.1379

Sweetspot

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



111.8570, 10.4235, 16.7884



165.3690, 3.7621, 6.6924



103.1640, 14.7091, -4.5288



81.4180, 2.7519, 4.0184



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



111.8570, 10.4235, 16.7884



139.8180, 16.3587, 26.4696



110.7450, 3.5767, 19.5176



62.4780, 1.7363, 3.0888



51.5970, 38.6527, 62.6204



0.9400, 1.0156, 0.9296

Inverse Universe

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



108.6930, -4.2856, 21.3172



134.7870, -6.7970, 33.5128



120.2550, -3.5767, -19.5176



61.7940, -0.8844, 3.6887



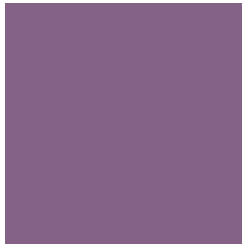
39.6680, -16.1053, 79.2212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 111.8570, 10.4235, 16.7884 looks on a white background.

Color Contrast Check

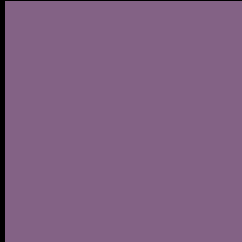
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8570, 10.4235, 16.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

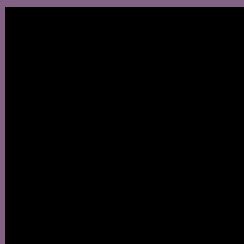
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.8570, 10.4235, 16.7884

Background



This preview shows how black text looks on a background with the YUV color 111.8570, 10.4235, 16.7884.



This preview shows how white text looks on a background with the YUV color 111.8570, 10.4235, 16.7884.

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

111.8570, 10.4235, 16.7884

Protanopia

109.5550, 15.0094, -7.5027

Deuteranopia

110.3340, 10.1883, -1.1699



Tritanopia

110.6860, -0.3382, 15.1844

Trichromacy



Original Color

111.8570, 10.4235, 16.7884

Protanomaly

110.1540, 13.2351, 1.6189

Deuteranomaly

111.0790, 10.3141, 5.1927

Tritanomaly

111.3100, 3.2982, 15.5141

Monochromacy



Original Color

111.8570, 10.4235, 16.7884

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8570, 10.4235, 16.7884 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(131, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 98, 133)  
}
```

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(131, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 98, 133) }
```

Border

The CSS property to change the border of an element to YUV 111.8570, 10.4235, 16.7884 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(131, 98, 133) }
```


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

```
.border{ border-color:rgb(131, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 98,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 111.8570, 10.4235, 16.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 98, 133) }
```

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

```
.background{ background-color: rgb(131, 98,  
133) }
```

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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