

Converting Colors

YUV(128.4980, 8.1355, 3.9483)

Have a look what the booklet for
YUV(128.4980, 8.1355, 3.9483)
contains.

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Color

**YUV(128.4980, 8.1355,
3.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	857B91
RGB	133, 123, 145
RGB Percent	52%, 48%, 57%
CMY	0.4784, 0.5176, 0.4314
CMYK	0.08, 0.15, 0.00, 0.43
HSL	267°, 9%, 53%
HSV	267°, 15%, 57%
XYZ	21.8667, 21.1968, 29.7270
YIQ	128.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

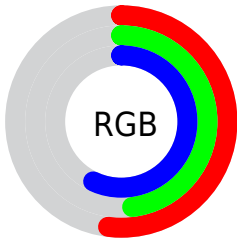
Format	Color
R_{YB}	133, 123, 145
Decimal	8747921
CIE Lab	53.16, 8.25, -10.50
CIE LCh	53, 13.352, 308.171
Yxy	21.1968, 0.3004, 0.2912
Android (android.graphics.Color)	4286938001 (0xFF857B91)
YUV	128.4980, 8.1355, 3.9483
Hunter-Lab	46.0400, 4.2085, -6.0542

Details

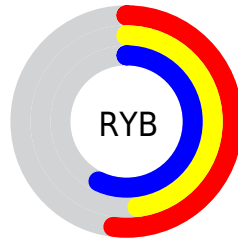
The YUV color **128.4980, 8.1355, 3.9483** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **139.5020, -8.1355, -3.9483**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0250, 8.8617, 4.3631**, and **79.0850, 7.8461, 3.4335** is the 20% darker color. If you saturate the color by 10%, you get **117.8880, 13.3662, 6.2372**, and if you desaturate by 10%, it is **139.6950, 2.6154, 1.1445**.

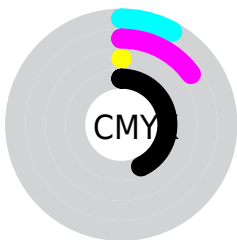
Distribution



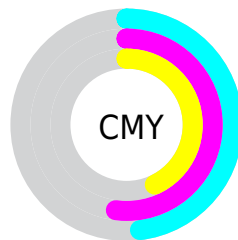
- Red (52%)
- Green (48%)
- Blue (57%)



- Red (52%)
- Yellow (48%)
- Blue (57%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4980, 8.1355, 3.9483 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 128.4980, 8.1355, 3.9483 by changing the saturation by 10% instead.

■ 128.4980, 8.1355,
3.9483

■ 128.4980, 8.1355,
3.9483

■ 255.0000, 0.0000,
0.0000

■ 103.3840, 7.6987,
4.0482

■ 181.0250, 8.8617,
4.3631

■ 79.0850, 7.8461,
3.4335

■ 209.0250, 8.8617,
4.3631

■ 56.5580, 7.1199,
3.0186

■ 237.0250, 8.8617,
4.3631

■ 35.0310, 6.3937,
2.6038

■ 12.3950, 7.6933,
5.7926

■ 0.0000, 0.0000,
0.0000

■ 128.4980, 8.1355,
3.9483

■ 128.4980, 8.1355,
3.9483

■ 117.8880, 13.3662,
6.2372

■ 139.6950, 2.6154,
1.1445

■ 106.6910, 18.8863,
9.0410

■ 150.3050, -2.6154,
-1.1445

■ 96.0810, 24.1171,
11.3300

■ 160.9150, -7.8461,
-3.4335

■ 84.8840, 29.6372,
14.1337

■ 172.1120,
-13.3662, -6.2372

■ 74.2740, 34.8679,
16.4227

■ 183.3090,
-18.8863, -9.0410

■ 63.3760, 40.2406,
19.8412

■ 193.6200,
-23.9697, -11.9447

■ 52.7660, 45.4714,
22.1302

■ 204.2300,
-29.2004, -14.2337

■ 41.5690, 50.9915,

■ 215.4270,

24.9340

-34.7205, -17.0375

■ 36.2640, 53.6068,
26.0785

■ 226.6240,
-40.2406, -19.8412

Harmonies

Analogous

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



126.8170, 10.9362, -7.7325



128.4980, 8.1355, 3.9483



129.2990, 3.3036, 13.7698

Triad

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



128.4980, 8.1355, 3.9483



127.3410, -10.5211, 14.6099



122.7800, 3.5595, -21.7321

Complementary

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



128.4980, 8.1355, 3.9483



139.5020, -8.1355, -3.9483

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.



123.5160, -2.7194, -14.4845



128.4980, 8.1355, 3.9483



126.1720, -10.9308, 5.9882

Square

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



128.4980, 8.1355, 3.9483



128.1720, -7.4798, 19.1432



125.2030, -7.9881, -4.5630



123.1480, 8.8010, -22.9318

Rectangle

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



128.4980, 8.1355, 3.9483



128.9960, -0.4910, 17.5435



125.2030, -7.9881, -4.5630



123.2210, 1.3700, -19.4878

Sweetspot

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



128.4980, 8.1355, 3.9483



181.6350, 3.6309, 2.0741



132.5520, 6.1369, -8.3771



90.1680, 1.8892, 0.7297



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.4980, 8.1355, 3.9483



163.3610, 12.6400, 5.8224



131.7870, 6.5140, 10.7108



65.9940, 2.4680, 1.7593



33.6290, 49.9759, 24.0044



1.8090, 3.0522, 1.0445

Inverse Universe

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



130.9460, 1.9986, 12.3254



167.2180, 2.8505, 19.1028



136.2130, -6.5140, -10.7108



66.5490, 0.7153, 3.9035



48.8010, 12.4231, 75.5965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 128.4980, 8.1355, 3.9483 looks on a white 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

Black Background



This preview shows how the YUV color 128.4980, 8.1355, 3.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

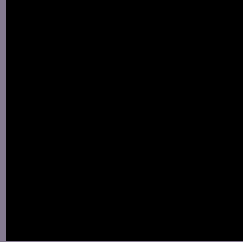
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.4980, 8.1355, 3.9483

Background



This preview shows how black text looks on a background with the YUV color 128.4980, 8.1355, 3.9483.



This preview shows how white text looks on a background with the YUV color 128.4980, 8.1355,

3.9483.

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

128.4980, 8.1355, 3.9483

Protanopia

127.4970, 9.6150, -3.9439

Deuteranopia

128.4870, 8.1409, 2.2039



Tritanopia

127.9340, 3.4835, 2.6889

Trichromacy



Original Color

128.4980, 8.1355, 3.9483

Protanomaly

127.9920, 8.8779, -0.8700

Deuteranomaly

128.7860, 7.9935, 2.8187

Tritanomaly

128.1020, 5.3727, 3.4185

Monochromacy



Original Color

128.4980, 8.1355, 3.9483

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4980, 8.1355, 3.9483 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(133, 123, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 123, 145)  
}
```

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(133, 123, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 123, 145) }
```

Border

The CSS property to change the border of an element to YUV 128.4980, 8.1355, 3.9483 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(133, 123, 145) }
```


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

```
.border{ border-color:rgb(133, 123, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 123, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 123, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 123, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 123,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 128.4980, 8.1355, 3.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 123, 145) }
```

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

```
.background{ background-color: rgb(133,  
123, 145) }
```

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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