

Converting Colors

YUV(123.9330, 8.4140, 7.9518)

Have a look what the booklet for
YUV(123.9330, 8.4140, 7.9518)
contains.

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Color

**YUV(123.9330, 8.4140,
7.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	85748D
RGB	133, 116, 141
RGB Percent	52%, 45%, 55%
CMY	0.4784, 0.5451, 0.4471
CMYK	0.06, 0.18, 0.00, 0.45
HSL	281°, 10%, 50%
HSV	281°, 18%, 55%
XYZ	20.7260, 19.4004, 27.8516
YIQ	123.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

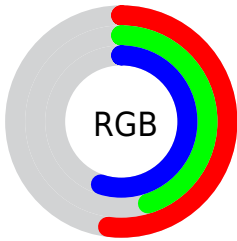
Format	Color
R_{YB}	133, 116, 141
Decimal	8746125
CIE _{Lab}	51.15, 11.50, -11.18
CIE _{LCh}	51, 16.038, 315.816
Yxy	19.4004, 0.3049, 0.2854
Android (android.graphics.Color)	4286936205 (0xFF85748D)
YUV	123.9330, 8.4140, 7.9518
Hunter-Lab	44.0459, 6.9136, -6.6588

Details

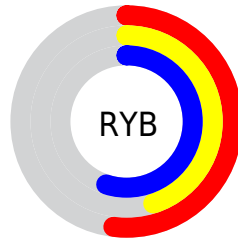
The YUV color $123.9330, 8.4140, 7.9518$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $133.0670, -8.4140, -7.9518$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.4600, 9.1402, 8.3666$, and $75.1070, 7.8352, 6.9222$ is the 20% darker color. If you saturate the color by 10%, you get $114.2200, 13.2025, 12.0851$, and if you desaturate by 10%, it is $133.6460, 3.6255, 3.8185$.

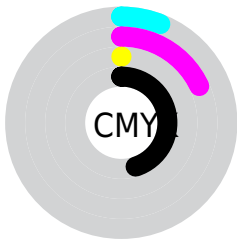
Distribution



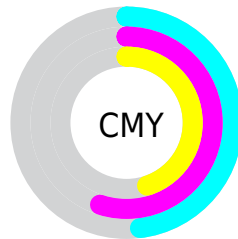
- Red (52%)
- Green (45%)
- Blue (55%)



- Red (52%)
- Yellow (45%)
- Blue (55%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9330, 8.4140, 7.9518 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 123.9330, 8.4140, 7.9518 by changing the saturation by 10% instead.

■ 123.9330, 8.4140,
7.9518

■ 123.9330, 8.4140,
7.9518

■ 255.0000, 0.0000,
0.0000

■ 98.8190, 7.9772,
8.0517

■ 176.4600, 9.1402,
8.3666

■ 75.1070, 7.8352,
6.9222

■ 203.8730, 9.4296,
8.8814

■ 52.5800, 7.1091,
6.5073

■ 231.8730, 9.4296,
8.8814

■ 31.1670, 6.8197,
5.9925

■ 253.2390, 0.8682,
1.5444

■ 8.5310, 8.1192,
9.1813

■ 0.0000, 0.0000,
0.0000

123.9330, 8.4140,
7.9518

123.9330, 8.4140,
7.9518

114.2200, 13.2025,
12.0851

133.6460, 3.6255,
3.8185

104.8060, 17.8436,
16.8331

143.0600, -1.0156,
-0.9296

95.0930, 22.6322,
20.9664

152.7730, -5.8041,
-5.0629

85.6790, 27.2733,
25.7145

162.1870,
-10.4452, -9.8110

75.9660, 32.0618,
29.8478

172.4870,
-15.5231, -14.4591

65.9650, 36.9923,
35.1107

181.9010,
-20.1642, -19.2072

56.2520, 41.7808,
39.2440

191.6140,
-24.9527, -23.3405

46.8380, 46.4219,

201.0280,

43.9921

-29.5938, -28.0886

■ 44.7780, 47.4374,
44.9217

■ 210.7410,
-34.3823, -32.2219

Harmonies

Analogous

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



122.5830, 12.5306, -5.7733



123.9330, 8.4140, 7.9518



124.3920, 2.2717, 18.0732

Triad

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



123.9330, 8.4140, 7.9518



122.0590, -12.8471, 13.9803



116.4310, 6.1965, -27.5650

Complementary

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



123.9330, 8.4140, 7.9518



133.0670, -8.4140, -7.9518

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.



116.9390, -0.9559, -20.1175



123.9330, 8.4140, 7.9518



120.4060, -12.5252, 4.0289

Square

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



123.9330, 8.4140, 7.9518



123.4990, -10.1060, 21.4874



118.7680, -8.2666, -8.5665



116.9240, 11.8695, -27.1203

Rectangle

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



123.9330, 8.4140, 7.9518



123.9750, -1.9597, 21.9469



118.7680, -8.2666, -8.5665



116.4590, 3.7177, -25.8355

Sweetspot

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



123.9330, 8.4140, 7.9518



177.2330, 3.3361, 3.3037



123.5460, 8.6048, -6.6178



87.8800, 2.0312, 1.8592



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.9330, 8.4140, 7.9518



157.2200, 13.2025, 12.0851



125.8690, 5.4876, 13.2699



66.2930, 2.3206, 2.3740



42.8980, 45.4063, 43.0625



2.4070, 2.7573, 2.2741

Inverse Universe

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



124.3870, -0.1908, 14.5696



158.0290, -0.5073, 22.7766



131.1310, -5.4876, -13.2699



66.4350, 0.2785, 4.0035



45.2670, -1.1176, 78.6958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 123.9330, 8.4140, 7.9518 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 123.9330, 8.4140, 7.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

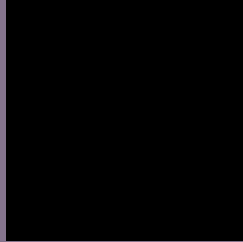
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9330, 8.4140, 7.9518

Background



This preview shows how black text looks on a background with the YUV color 123.9330, 8.4140, 7.9518.



This preview shows how white text looks on a background with the YUV color 123.9330, 8.4140,

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

123.9330, 8.4140, 7.9518

Protanopia

122.4260, 10.6360, -4.7586

Deuteranopia

123.1880, 8.2883, 1.5891



Tritanopia

123.0270, 2.4517, 6.9923

Trichromacy



Original Color

123.9330, 8.4140, 7.9518

Protanomaly

122.9320, 9.8935, 0.0596

Deuteranomaly

123.4980, 8.1355, 3.9483

Tritanomaly

123.3090, 4.7777, 7.6220

Monochromacy



Original Color

123.9330, 8.4140, 7.9518

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9330, 8.4140, 7.9518 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, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(133, 116, 141)  
}
```

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, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 116, 141) }
```

Border

The CSS property to change the border of an element to YUV 123.9330, 8.4140, 7.9518 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, 116, 141) }
```


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

```
.border{ border-color:rgb(133, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(133, 116,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 123.9330, 8.4140, 7.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 116, 141) }
```

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

```
.background{ background-color: rgb(133,  
116, 141) }
```

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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