

Converting Colors

YUV(111.3450, 13.6339,
13.7294)

Have a look what the booklet for
YUV(111.3450, 13.6339, 13.7294)
contains.

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Color

**YUV(111.3450, 13.6339,
13.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	7F628B
RGB	127, 98, 139
RGB Percent	50%, 38%, 55%
CMY	0.5020, 0.6157, 0.4549
CMYK	0.09, 0.29, 0.00, 0.45
HSL	282°, 17%, 46%
HSV	282°, 29%, 55%
XYZ	17.7803, 15.1115, 26.4058
YIQ	111.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

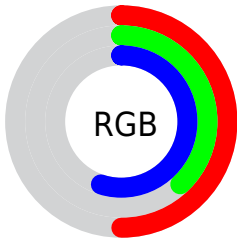
Format	Color
R_{YB}	127, 98, 139
Decimal	8348299
CIE _{Lab}	45.79, 19.64, -18.19
CIE _{LCh}	46, 26.770, 317.186
Yxy	15.1115, 0.2998, 0.2548
Android (android.graphics.Color)	4286538379 (0xFF7F628B)
YUV	111.3450, 13.6339, 13.7294
Hunter-Lab	38.8735, 13.6153, -13.0628

Details

The YUV color **111.3450, 13.6339, 13.7294** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.6550, -13.6339, -13.7294**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2850, 14.6495, 14.6591**, and **63.1060, 12.7657, 12.1850** is the 20% darker color. If you saturate the color by 10%, you get **101.9310, 18.2750, 18.4775**, and if you desaturate by 10%, it is **120.7590, 8.9928, 8.9814**.

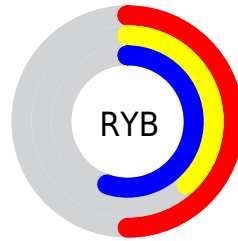
Distribution



Red (50%)

Green (38%)

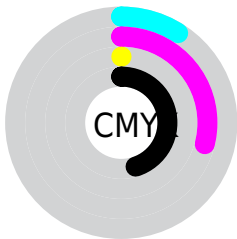
Blue (55%)



Red (50%)

Yellow (38%)

Blue (55%)

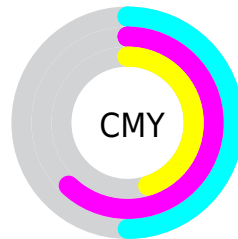


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (50%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3450, 13.6339, 13.7294 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 111.3450, 13.6339, 13.7294 by changing the saturation by 10% instead.

■ 111.3450, 13.6339,
13.7294

■ 111.3450, 13.6339,
13.7294

■ 255.0000, 0.0000,
0.0000

■ 86.8180, 12.9077,
13.3146

■ 163.2850, 14.6495,
14.6591

■ 63.1060, 12.7657,
12.1850

■ 190.6980, 14.9389,
15.1739

■ 40.5790, 12.0396,
11.7702

■ 218.1110, 15.2283,
15.6887

■ 18.5790, 12.0396,
11.7702

■ 240.9120, 6.9454,
12.3552

■ 2.5080, 9.6096,
-2.1995

■ 0.0000, 0.0000,
0.0000

■ 111.3450, 13.6339,
13.7294

■ 111.3450, 13.6339,
13.7294

■ 101.9310, 18.2750,
18.4775

■ 120.7590, 8.9928,
8.9814

■ 92.5170, 22.9161,
23.2256

■ 130.1730, 4.3517,
4.2333

■ 83.1030, 27.5572,
27.9737

■ 139.5870, -0.2894,
-0.5148

■ 73.6890, 32.1983,
32.7217

■ 149.0010, -4.9305,
-5.2629

■ 64.8620, 36.5500,
36.9550

■ 158.4150, -9.5716,
-10.0110

■ 55.4480, 41.1911,
41.7031

■ 167.2420,
-13.9233, -14.2442

■ 46.0340, 45.8322,
46.4512


■ 176.6560,
-18.5644, -18.9923

■ 45.1480, 46.2690,

■ 186.3690,

46.3512

-23.3529, -23.1256

 195.7830,
-27.9940, -27.8737

Harmonies

Analogous

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



108.4390, 20.9826, -10.0320



111.3450, 13.6339, 13.7294



111.2240, 3.8336, 30.4986

Triad

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



111.3450, 13.6339, 13.7294



107.9260, -21.1625, 21.1129



91.7090, 14.4405, -58.5038

Complementary

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



111.3450, 13.6339, 13.7294



125.6550, -13.6339, -13.7294

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.



98.3560, -0.1755, -37.1462



111.3450, 13.6339, 13.7294



105.4570, -19.9453, 3.9842

Square

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



111.3450, 13.6339, 13.7294



109.0830, -15.8169, 33.2532



102.8720, -12.7549, -15.6737



91.9180, 24.1974, -61.3181

Rectangle

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



111.3450, 13.6339, 13.7294



110.7210, -3.3135, 36.2017



102.8720, -12.7549, -15.6737



94.0860, 9.3246, -50.9414

Sweetspot

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



111.3450, 13.6339, 13.7294



170.1130, 5.3673, 5.1629



109.7180, 14.4360, -10.2767



85.2330, 3.3361, 3.3037



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.



111.3450, 13.6339, 13.7294



138.6370, 20.8850, 21.3664



114.0210, 8.3706, 21.9066



64.2930, 2.3206, 2.3740



43.2680, 44.2379, 44.4920



1.7660, 1.5944, 1.9592

Inverse Universe

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



111.6270, -0.8021, 24.0061



138.8890, -1.4243, 36.9313



122.9790, -8.3706, -21.9066



64.3210, -0.1583, 4.1035



44.2130, -2.5700, 77.8662



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 111.3450, 13.6339, 13.7294 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 111.3450, 13.6339, 13.7294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

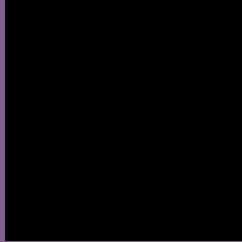
Any Text WCAG AA × Fail

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 111.3450, 13.6339, 13.7294 Background



This preview shows how black text looks on a background with the YUV color 111.3450, 13.6339, 13.7294.



This preview shows how white text looks on a background with the YUV color 111.3450, 13.6339, 13.7294.

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

111.3450, 13.6339, 13.7294

Protanopia

108.7550, 18.3618, -9.4321

Deuteranopia

109.5230, 13.5462, -4.8437



Tritanopia

109.8920, 0.5462, 11.4957

Trichromacy



Original Color

111.3450, 13.6339, 13.7294

Protanomaly

109.9410, 16.2981, -0.8253

Deuteranomaly

110.2680, 13.6719, 1.5190

Tritanomaly

110.1570, 5.3456, 12.1403

Monochromacy



Original Color

111.3450, 13.6339, 13.7294

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3450, 13.6339, 13.7294 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(127, 98, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 98, 139)  
}
```

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(127, 98, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 98, 139) }
```

Border

The CSS property to change the border of an element to YUV 111.3450, 13.6339, 13.7294 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(127, 98, 139) }
```


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

```
.border{ border-color:rgb(127, 98, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 98, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 98, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 98, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 98,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 111.3450, 13.6339, 13.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 98, 139) }
```

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

```
.background{ background-color: rgb(127, 98,  
139) }
```

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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