

Converting Colors

YUV(128.0080, 11.3351, 4.3780)

Have a look what the booklet for
YUV(128.0080, 11.3351, 4.3780)
contains.

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Color

**YUV(128.0080, 11.3351,
4.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	857997
RGB	133, 121, 151
RGB Percent	52%, 47%, 59%
CMY	0.4784, 0.5255, 0.4078
CMYK	0.12, 0.20, 0.00, 0.41
HSL	264°, 13%, 53%
HSV	264°, 20%, 59%
XYZ	22.0962, 20.8957, 32.1468
YIQ	128.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

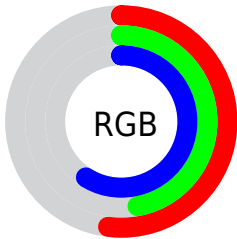
Format	Color
R _Y B	133, 121, 151
Decimal	8747415
CIE Lab	52.84, 10.74, -14.49
CIE LCh	53, 18.039, 306.535
Yxy	20.8957, 0.2941, 0.2781
Android (android.graphics.Color)	4286937495 (0xFF857997)
YUV	128.0080, 11.3351, 4.3780
Hunter-Lab	45.7118, 6.2877, -9.6975

Details

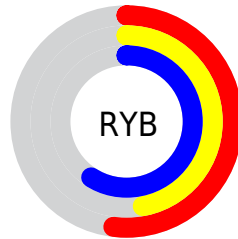
The YUV color $128.0080, 11.3351, 4.3780$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $143.9920, -11.3351, -4.3780$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.5350, 12.0612, 4.7928$, and $78.4810, 10.6089, 3.9632$ is the 20% darker color. If you saturate the color by 10%, you get $116.5120, 17.0026, 6.5670$, and if you desaturate by 10%, it is $139.5040, 5.6675, 2.1890$.

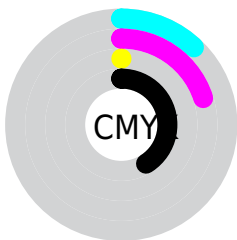
Distribution



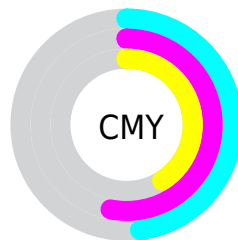
- Red (52%)
- Green (47%)
- Blue (59%)



- Red (52%)
- Yellow (47%)
- Blue (59%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0080, 11.3351, 4.3780 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 128.0080, 11.3351, 4.3780 by changing the saturation by 10% instead.

■ 128.0080, 11.3351,
4.3780

■ 128.0080, 11.3351,
4.3780

■ 255.0000, 0.0000,
0.0000

■ 102.8940, 10.8983,
4.4780

■ 180.5350, 12.0612,
4.7928

■ 78.4810, 10.6089,
3.9632

■ 208.5350, 12.0612,
4.7928

■ 55.9540, 9.8827,
3.5483

■ 236.1500, 9.2931,
6.0075

■ 34.4270, 9.1565,
3.1335

■ 11.0900, 10.3086,
6.9371

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 128.0080, 11.3351,
4.3780

■ 128.0080, 11.3351,
4.3780

■ 116.5120, 17.0026,
6.5670

■ 139.5040, 5.6675,
2.1890

■ 105.0160, 22.6701,
8.7560

■ 151.0000, 0.0000,
0.0000

■ 93.5200, 28.3376,
10.9450

■ 162.4960, -5.6675,
-2.1890

■ 82.0240, 34.0052,
13.1340

■ 173.9920,
-11.3351, -4.3780

■ 70.5280, 39.6727,
15.3229

■ 185.4880,
-17.0026, -6.5670

■ 58.4450, 45.6296,
18.0267

■ 197.5710,
-22.9595, -9.2708

■ 46.9490, 51.2971,
20.2157

■ 209.0670,
-28.6270, -11.4598

■ 35.4530, 56.9647,
22.4047

■ 220.5630,
-34.2946, -13.6488

■ 35.1540, 57.1121,
21.7899

■ 231.1840,
-39.5307, -14.1934

Harmonies

Analogous

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



125.3480, 15.6044, -11.7062



128.0080, 11.3351, 4.3780



129.0760, 4.8925, 17.4733

Triad

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



128.0080, 11.3351, 4.3780



126.4510, -14.0263, 18.8985



119.6650, 4.6022, -29.5242

Complementary

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



128.0080, 11.3351, 4.3780



143.9920, -11.3351, -4.3780

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.



121.4400, -4.1609, -18.8029



128.0080, 11.3351, 4.3780



124.8580, -14.7200, 8.0175

Square

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



128.0080, 11.3351, 4.3780



127.9340, -9.8275, 25.4909



123.3940, -11.0402, -5.6075



119.8910, 11.8857, -32.3534

Rectangle

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



128.0080, 11.3351, 4.3780



128.8550, 0.0715, 23.8062



123.3940, -11.0402, -5.6075



120.2910, 1.8285, -26.5652

Sweetspot

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



128.0080, 11.3351, 4.3780



187.4500, 4.2152, 1.3594



134.9860, 7.8949, -12.2657



93.6950, 2.6154, 1.1445



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



128.0080, 11.3351, 4.3780



160.0390, 17.7288, 6.9818



132.4930, 9.1240, 13.5996



70.8090, 3.0522, 1.0445



32.7040, 52.8969, 20.4306



2.9770, 4.9413, 1.7742

Inverse Universe

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



132.0220, 3.4402, 16.6437



166.3590, 5.7390, 25.9952



139.5070, -9.1240, -13.5996



71.8480, 0.5679, 4.5183



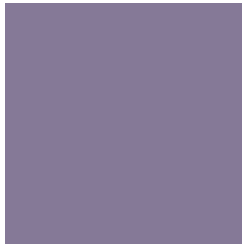
51.4360, 16.0541, 77.6706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 128.0080, 11.3351, 4.3780 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 128.0080, 11.3351, 4.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

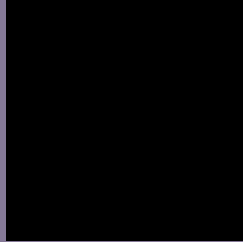
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.0080, 11.3351, 4.3780

Background



This preview shows how black text looks on a background with the YUV color 128.0080, 11.3351, 4.3780.



This preview shows how white text looks on a background with the YUV color 128.0080, 11.3351,

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

128.0080, 11.3351, 4.3780

Protanopia

126.8110, 13.4042, -5.9732

Deuteranopia

127.0890, 11.7881, -0.9551



Tritanopia

126.9340, 3.4835, 2.6889

Trichromacy



Original Color

128.0080, 11.3351, 4.3780

Protanomaly

127.6050, 12.5197, -2.2846

Deuteranomaly

127.3990, 11.6353, 1.4041

Tritanomaly

127.3300, 6.2463, 3.2186

Monochromacy



Original Color

128.0080, 11.3351, 4.3780

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0080, 11.3351, 4.3780 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, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(133, 121, 151)  
}
```

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, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 121, 151) }
```

Border

The CSS property to change the border of an element to YUV 128.0080, 11.3351, 4.3780 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, 121, 151) }
```


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

```
.border{ border-color:rgb(133, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(133, 121,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 128.0080, 11.3351, 4.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 121, 151) }
```

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

```
.background{ background-color: rgb(133,  
121, 151) }
```

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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