

Converting Colors

XYZ(11.0140, 13.8111, 13.9186)

Have a look what the booklet for
XYZ(11.0140, 13.8111, 13.9186)
contains.

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Color

**XYZ(11.0785, 13.8894,
13.9014)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6F63
RGB	78, 111, 99
RGB Percent	31%, 44%, 39%
CMY	0.6941, 0.5647, 0.6118
CMYK	0.30, 0.00, 0.11, 0.56
HSL	158°, 17%, 37%
HSV	158°, 30%, 44%
XYZ	11.0785, 13.8894, 13.9014
YIQ	99.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

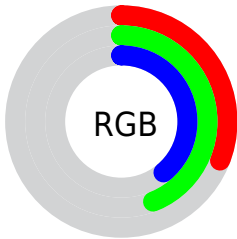
Format	Color
R_{YB}	78, 98, 111
Decimal	5140323
CIE Lab	44.07, -14.70, 2.87
CIE LCh	44, 14.976, 168.959
Yxy	13.8894, 0.2850, 0.3573
Android (android.graphics.Color)	4283330403 (0xFF4E6F63)
YUV	99.7650, -0.3771, -19.0879
Hunter-Lab	37.2685, -12.1586, 3.9724

Details

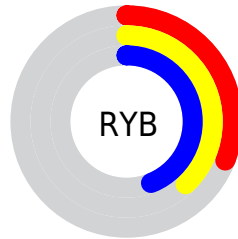
The XYZ color **11.0785, 13.8894, 13.9014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.1259, 9.5670, 10.9338**, and the grayscale version is **12.0574, 12.6853, 13.8143**.

A 20% lighter version of the original color is **27.5043, 32.9856, 33.7714**, and **3.0158, 4.1191, 4.0043** is the 20% darker color. If you saturate the color by 10%, you get **10.0566, 13.3847, 12.8714**, and if you desaturate by 10%, it is **12.2644, 14.4783, 14.9901**.

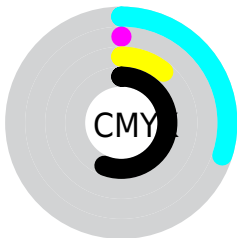
Distribution



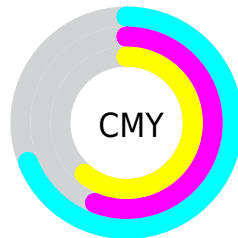
- Red (31%)
- Green (44%)
- Blue (39%)



- Red (31%)
- Yellow (38%)
- Blue (44%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (56%)



- Cyan (69%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0785, 13.8894, 13.9014 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 XYZ color 11.0785, 13.8894, 13.9014 by changing the saturation by 10% instead.

■ 11.0785, 13.8894,
13.9014

■ 11.0785, 13.8894,
13.9014

192.1025,
216.5417, 228.0236

■ 6.1873, 8.0438,
7.9142

■ 27.4369, 32.8927,
33.6286

■ 3.0011, 4.1230,
3.9531

■ 39.6349, 46.8191,
48.2056

■ 1.1543, 1.7426,
1.5996

■ 54.9991, 64.2079,
66.4829

■ 0.0698, 0.4510,
0.2906

■ 73.8950, 85.4435,
88.8792

■ 0.0000, 0.0000,
0.0000

■ 96.6880, 110.9103,
115.8128

123.7433,

140.9927, 147.7024

155.4264,
176.0750, 184.9665

■ 11.0785, 13.8894,
13.9014

■ 11.0785, 13.8894,
13.9014

■ 10.0566, 13.3847,
12.8714

■ 12.2644, 14.4783,
14.9901

■ 9.1897, 12.9584,
11.8980

■ 13.6204, 15.1533,
16.1375

■ 8.4696, 12.6068,
10.9803

■ 15.1537, 15.9186,
17.3450

■ 7.8870, 12.3249,
10.1173

■ 16.8709, 16.7776,
18.6136

■ 7.4313, 12.1075,
9.3075

■ 18.7781, 17.7333,
19.9442

■ 7.0905, 11.9482,
8.5497

■ 20.8810, 18.7887,
21.3378

■ 6.8175, 11.8229,
7.8408

■ 23.1853, 19.9467,
22.7953

■ 6.8103, 11.8196,
7.8223

■ 25.6964, 21.2102,
24.3175

■ 28.4193, 22.5816,
25.9053

Harmonies

Analogous

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



11.5481, 13.8894, 11.2119



11.0785, 13.8894, 13.9014



11.1515, 13.8894, 17.3562

Triad

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



11.0785, 13.8894, 13.9014



13.9597, 13.8894, 22.2143



14.7633, 13.8894, 10.6953

Complementary

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



11.0785, 13.8894, 13.9014



11.1259, 9.5670, 10.9338

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.



15.4884, 13.8894, 13.0904



11.0785, 13.8894, 13.9014



15.0056, 13.8894, 19.8523

Square

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



11.0785, 13.8894, 13.9014



12.7676, 13.8894, 22.5187



15.5797, 13.8894, 16.4146



13.6450, 13.8894, 9.5551

Rectangle

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



11.0785, 13.8894, 13.9014



11.4992, 13.8894, 19.6343



15.5797, 13.8894, 16.4146



15.0639, 13.8894, 11.3621

Sweetspot

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



11.0789, 13.8900, 13.9017



24.5142, 27.1961, 28.9980



11.2863, 14.0982, 9.3345



5.8169, 6.4976, 6.9074



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.0789, 13.8900, 13.9017



18.4822, 24.2010, 23.5444



11.2277, 13.2001, 16.9956



3.4260, 3.7956, 4.0494



8.0122, 13.9224, 9.1507



39.4876, 69.1837, 43.3484

Inverse Universe

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



11.1259, 9.5670, 10.9338



18.5829, 15.0555, 17.2714



10.9787, 10.0251, 8.5645



3.4300, 3.4197, 3.7911



8.1718, 4.1611, 2.7147



40.3248, 20.5753, 11.5087

Previews

White Background



This preview shows how the XYZ color 11.0785, 13.8894, 13.9014 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 XYZ color 11.0785, 13.8894, 13.9014 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](#).

XYZ 11.0785, 13.8894, 13.9014

Background



This preview shows how black text looks on a background with the XYZ color 11.0785, 13.8894, 13.9014.



This preview shows how white text looks on a background with the XYZ color 11.0785, 13.8894,

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

11.0785, 13.8894, 13.9014

Protanopia

13.1001, 13.7149, 12.7833

Deuteranopia

13.9764, 13.6988, 14.2194



Tritanopia

12.0531, 13.8033, 18.8587

Trichromacy



Original Color

11.0785, 13.8894, 13.9014

Protanomaly

12.1951, 13.6940, 13.0668

Deuteranomaly

12.7301, 13.6455, 14.0195

Tritanomaly

11.6765, 13.8124, 16.8025

Monochromacy



Original Color

11.0785, 13.8894, 13.9014

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6642, 13.0960, 13.9696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0785, 13.8894, 13.9014 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(78, 111, 99)` looks like.

```
.text, #text, p{  
    color:rgb(78, 111, 99)  
}
```

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(78, 111, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 111, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.0785, 13.8894, 13.9014 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(78, 111, 99) }
```


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

```
.border{ border-color:rgb(78, 111, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 111, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(78, 111,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0785, 13.8894, 13.9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 111, 99) }
```

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

```
.background{ background-color: rgb(78, 111,  
99) }
```

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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