

Converting Colors

XYZ(11.9068, 8.5731, 14.0228)

Have a look what the booklet for
XYZ(11.9068, 8.5731, 14.0228)
contains.

XYZ(11.9398, 8.5882, 14.1251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.9398, 8.5882,
14.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	774068
RGB	119, 64, 104
RGB Percent	47%, 25%, 41%
CMY	0.5333, 0.7490, 0.5922
CMYK	0.00, 0.46, 0.13, 0.53
HSL	316°, 30%, 36%
HSV	316°, 46%, 47%
XYZ	11.9398, 8.5882, 14.1251
YIQ	85.0050, 19.9400, 24.1000

Conversions

Conversions Part 2

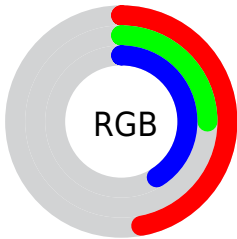
Format	Color
RYB	119, 64, 104
Decimal	7815272
CIELab	35.18, 29.81, -13.01
CIElCh	35, 32.527, 336.432
Yxy	8.5882, 0.3446, 0.2478
Android (android.graphics.Color)	4286005352 (0xFF774068)
YUV	85.0050, 9.3645, 29.8136
Hunter-Lab	29.3056, 21.4402, -8.0634

Details

The XYZ color **11.9398, 8.5882, 14.1251** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.1228, 14.8484, 9.7302**, and the grayscale version is **8.6140, 9.0626, 9.8692**.

A 20% lighter version of the original color is **28.8348, 22.9475, 33.9199**, and **3.3932, 1.9615, 4.0707** is the 20% darker color. If you saturate the color by 10%, you get **11.1773, 7.3220, 13.0732**, and if you desaturate by 10%, it is **12.8524, 10.1442, 15.2585**.

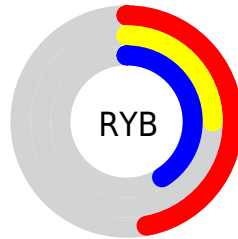
Distribution



Red (47%)

Green (25%)

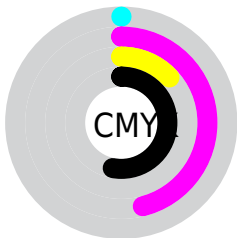
Blue (41%)



Red (47%)

Yellow (25%)

Blue (41%)

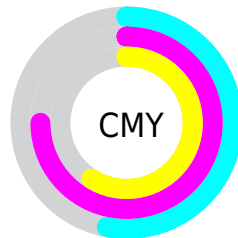


Cyan (0%)

Magenta (46%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9398, 8.5882, 14.1251 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 11.9398, 8.5882, 14.1251 by changing the saturation by 10% instead.


 11.9398, 8.5882,
14.1251


 11.9398, 8.5882,
14.1251


197.7844,
180.2755, 229.4631


 6.7746, 4.4736,
8.0680


 29.0032, 23.1037,
34.0312


 3.3666, 1.9418,
4.0501

 41.6322, 34.2734,
48.7172


 1.3505, 0.5734,
1.6529

 57.4797, 48.5636,
67.1166

 0.2205, 0.0000,
0.3281

 76.9113, 66.3587,
89.6479

 0.0000, 0.0000,
0.0000

 100.2922, 88.0430,
116.7296

 127.9877,

114.0009, 148.7804

160.3634,
144.6170, 186.2187

■ 11.9398, 8.5882,
14.1251

■ 11.9398, 8.5882,
14.1251

■ 11.1773, 7.3220,
13.0732

■ 12.8524, 10.1442,
15.2585

■ 10.5549, 6.3259,
12.0989

■ 13.9227, 12.0057,
16.4761

■ 10.0625, 5.5798,
11.1985

■ 15.1589, 14.1884,
17.7810

■ 9.6882, 5.0602,
10.3677

■ 16.5681, 16.7069,
19.1758

■ 9.4087, 4.7205,
9.5984

■ 18.1574, 19.5747,
20.6634

■ 9.3095, 4.6026,
9.3173

■ 19.9330, 22.8046,
22.2460

■ 21.9012, 26.4089,
23.9261

■ 24.0678, 30.3990,
25.7059

■ 26.4384, 34.7862,
27.5877

Harmonies

Analogous

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



10.5004, 8.5882, 20.3824



11.9398, 8.5882, 14.1251



12.3022, 8.5882, 8.2399

Triad

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



11.9398, 8.5882, 14.1251



7.7650, 8.5882, 2.3797



5.5888, 8.5882, 16.9346

Complementary

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



11.9398, 8.5882, 14.1251



10.1228, 14.8484, 9.7302

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.



5.0749, 8.5882, 10.5580



11.9398, 8.5882, 14.1251



6.2008, 8.5882, 3.2547

Square

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



11.9398, 8.5882, 14.1251



9.6933, 8.5882, 2.7145



5.2804, 8.5882, 5.7959



6.8026, 8.5882, 22.3925

Rectangle

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



11.9398, 8.5882, 14.1251



11.8418, 8.5882, 5.4620



5.2804, 8.5882, 5.7959



5.3377, 8.5882, 14.7508

Sweetspot

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



11.9401, 8.5886, 14.1253



27.5908, 26.2001, 32.2930



8.3604, 6.6472, 18.2952



6.4374, 6.0289, 7.5503



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.9401, 8.5886, 14.1253



19.9931, 13.0750, 23.3776



10.7751, 8.1226, 7.9907



3.7861, 3.7417, 4.4002



9.8867, 4.8884, 9.8774



47.8054, 23.6723, 46.1663

Inverse Universe

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



11.9401, 8.5886, 14.1253



19.9931, 13.0750, 23.3776



11.3217, 15.3279, 16.0433



3.7861, 3.7417, 4.4002



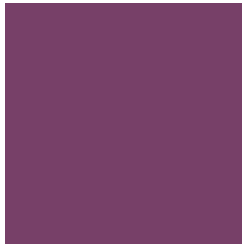
9.8867, 4.8884, 9.8774



47.8054, 23.6723, 46.1663

Previews

White Background



This preview shows how the XYZ color 11.9398, 8.5882, 14.1251 looks on a white background.

Color Contrast Check

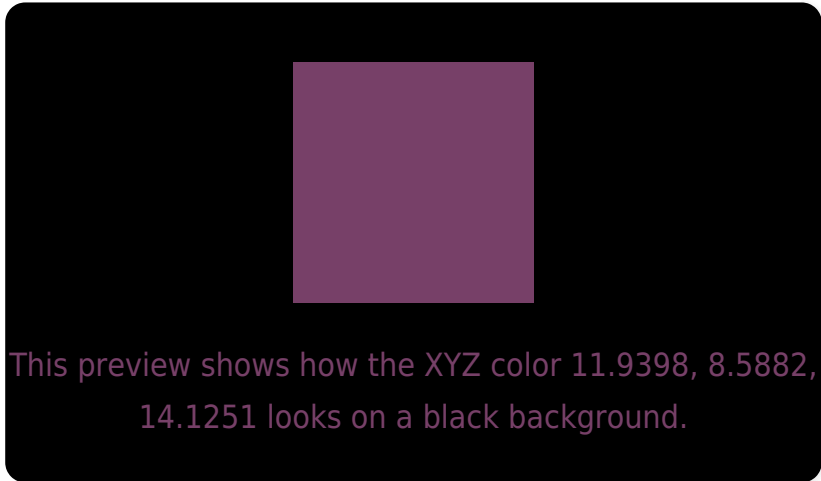
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

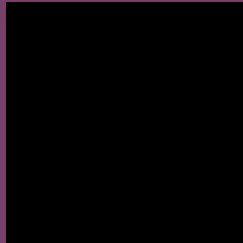
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9398, 8.5882, 14.1251

Background



This preview shows how black text looks on a background with the XYZ color 11.9398, 8.5882, 14.1251.



This preview shows how white text looks on a background with the XYZ color 11.9398, 8.5882,

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

11.9398, 8.5882, 14.1251

Protanopia

8.9007, 8.6967, 18.0391

Deuteranopia

8.7711, 8.6183, 13.5131



Tritanopia

10.6626, 8.6013, 7.7548

Trichromacy



Original Color

11.9398, 8.5882, 14.1251

Protanomaly

9.5605, 8.3259, 16.4324

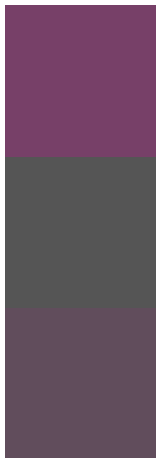
Deuteranomaly

9.6337, 8.4244, 13.6887

Tritanomaly

11.0830, 8.5880, 9.8776

Monochromacy



Original Color

11.9398, 8.5882, 14.1251

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.5154, 8.6218, 11.2879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9398, 8.5882, 14.1251 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(119, 64, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 64, 104)  
}
```

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(119, 64, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 64, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.9398, 8.5882, 14.1251 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(119, 64, 104) }
```


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

```
.border{ border-color:rgb(119, 64, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 64, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 64, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 64, 104); box-shadow:4px 4px 4px 4px rgb(119, 64, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9398, 8.5882, 14.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 64, 104) }
```

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

```
.background{ background-color: rgb(119, 64,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor