

Converting Colors

XYZ(13.8209, 11.3001, 15.2548)

Have a look what the booklet for
XYZ(13.8209, 11.3001, 15.2548)
contains.

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Color

**XYZ(13.8395, 11.3071,
15.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	7B526B
RGB	123, 82, 107
RGB Percent	48%, 32%, 42%
CMY	0.5176, 0.6784, 0.5804
CMYK	0.00, 0.33, 0.13, 0.52
HSL	323°, 20%, 40%
HSV	323°, 33%, 48%
XYZ	13.8395, 11.3071, 15.3630
YIQ	97.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

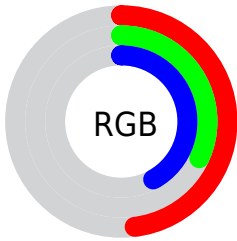
Format	Color
R_{YB}	123, 82, 107
Decimal	8082027
CIE _{Lab}	40.09, 21.27, -7.41
CIE _{LCh}	40, 22.519, 340.793
Yxy	11.3071, 0.3416, 0.2791
Android (android.graphics.Color)	4286272107 (0xFF7B526B)
YUV	97.1090, 4.8763, 22.7064
Hunter-Lab	33.6260, 14.6199, -3.5501

Details

The XYZ color **13.8395, 11.3071, 15.3630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.7677, 16.8419, 14.1339**, and the grayscale version is **11.3749, 11.9673, 13.0324**.

A 20% lighter version of the original color is **32.3273, 28.2013, 36.0873**, and **4.1941, 3.0045, 4.6338** is the 20% darker color. If you saturate the color by 10%, you get **12.7483, 9.5176, 13.7877**, and if you desaturate by 10%, it is **15.1117, 13.4359, 17.0681**.

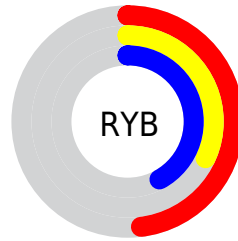
Distribution



Red (48%)

Green (32%)

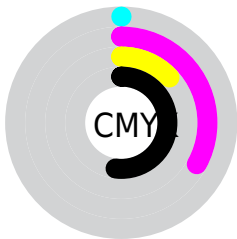
Blue (42%)



Red (48%)

Yellow (32%)

Blue (42%)

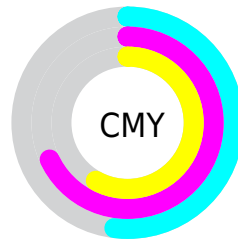


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (52%)



Cyan (52%)

Magenta (68%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8395, 11.3071, 15.3630 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 13.8395, 11.3071, 15.3630 by changing the saturation by 10% instead.

13.8395, 11.3071,
15.3630

13.8395, 11.3071,
15.3630

209.7607,
199.7625, 237.2690

8.0901, 6.2738,
8.9251

32.3926, 28.2267,
36.2400

4.2049, 3.0123,
4.5962

45.9270, 40.8817,
51.5162

1.8187, 1.1381,
1.9578

62.7871, 56.8461,
70.5756

0.5289, 0.0103,
0.5291

83.3383, 76.5043,
93.8366

0.0000, 0.0000,
0.0000

107.9459,
100.2406, 121.7180

136.9753,

128.4395, 154.6381

170.7917,
161.4853, 193.0156

■ 13.8395, 11.3071,
15.3630

■ 13.8395, 11.3071,
15.3630

■ 12.7483, 9.5176,
13.7877

■ 15.1117, 13.4359,
17.0681

■ 11.8279, 8.0478,
12.3373

■ 16.5723, 15.9188,
18.9061

■ 11.0688, 6.8789,
11.0076

■ 18.2296, 18.7720,
20.8810

■ 10.4600, 5.9891,
9.7937

■ 20.0910, 22.0099,
22.9964

■ 9.9888, 5.3537,
8.6904

■ 22.1635, 25.6462,
25.2555

■ 9.6397, 4.9420,
7.6910

■ 24.4538, 29.6940,
27.6616

■ 9.4383, 4.7189,
7.0696

■ 26.9684, 34.1658,
30.2178

■ 29.7132, 39.0735,
32.9271

■ 32.6943, 44.4285,
35.7923

Harmonies

Analogous

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



12.8307, 11.3071, 20.0375



13.8395, 11.3071, 15.3630



13.9749, 11.3071, 10.7703

Triad

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



13.8395, 11.3071, 15.3630



10.1945, 11.3071, 5.6486



8.6302, 11.3071, 18.8282

Complementary

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



13.8395, 11.3071, 15.3630



12.7677, 16.8419, 14.1339

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.



8.0590, 11.3071, 13.9932



13.8395, 11.3071, 15.3630



8.9022, 11.3071, 6.8810

Square

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



13.8395, 11.3071, 15.3630



11.7655, 11.3071, 5.8451



8.1534, 11.3071, 9.6935



9.7891, 11.3071, 22.3494

Rectangle

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



13.8395, 11.3071, 15.3630



13.5385, 11.3071, 8.4128



8.1534, 11.3071, 9.6935



8.3684, 11.3071, 17.2598

Sweetspot

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



13.8398, 11.3076, 15.3632



30.5541, 30.0107, 34.9205



11.5994, 10.0462, 20.0667



7.1172, 6.9328, 8.1292



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.8398, 11.3076, 15.3632



23.2596, 17.7433, 25.3321



12.8975, 10.9307, 10.4012



4.0913, 4.0523, 4.6786



9.7611, 4.8806, 7.2991



46.1348, 23.1102, 32.5694

Inverse Universe

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



13.8398, 11.3076, 15.3632



23.2596, 17.7433, 25.3321



13.8459, 17.2731, 19.8116



4.0913, 4.0523, 4.6786



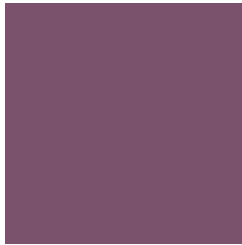
9.7611, 4.8806, 7.2991



46.1348, 23.1102, 32.5694

Previews

White Background



This preview shows how the XYZ color 13.8395, 11.3071, 15.3630 looks on a white background.

Color Contrast Check

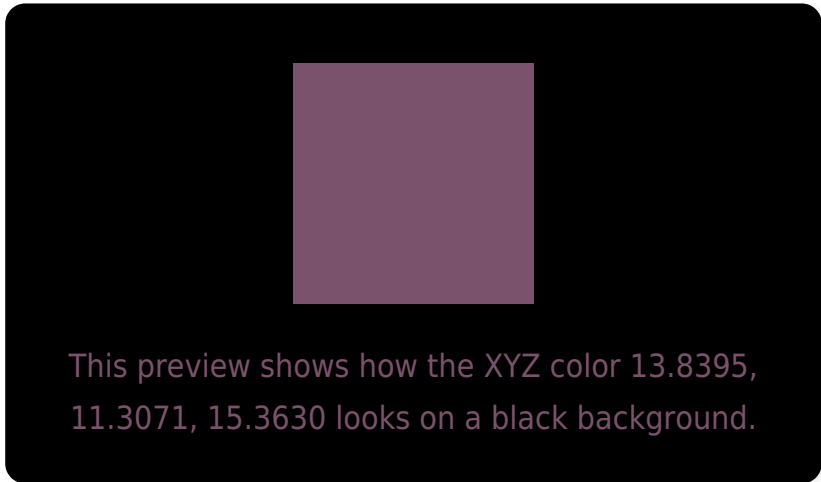
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.8395, 11.3071, 15.3630

Background



This preview shows how black text looks on a background with the XYZ color 13.8395, 11.3071, 15.3630.



This preview shows how white text looks on a background with the XYZ color 13.8395, 11.3071,

15.3630.

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

13.8395, 11.3071, 15.3630

Protanopia

11.3137, 11.4169, 17.8270

Deuteranopia

11.5225, 11.3269, 14.9436



Tritanopia

13.0220, 11.3173, 11.3956

Trichromacy



Original Color

13.8395, 11.3071, 15.3630

Protanomaly

12.0603, 11.3070, 16.8760

Deuteranomaly

12.2756, 11.2082, 15.1521

Tritanomaly

13.3540, 11.3413, 12.7945

Monochromacy



Original Color

13.8395, 11.3071, 15.3630

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.1200, 11.6580, 13.9234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8395, 11.3071, 15.3630 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(123, 82, 107)` looks like.

```
.text, #text, p{  
    color:rgb(123, 82, 107)  
}
```

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(123, 82, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 82, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.8395, 11.3071, 15.3630 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(123, 82, 107) }
```


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

```
.border{ border-color:rgb(123, 82, 107) }
```

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

Here you see how a box with a 4 pixel rgb(123, 82, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 82, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 82, 107);  
box-shadow:4px 4px 4px 4px rgb(123, 82,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8395, 11.3071, 15.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 82, 107) }
```

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

```
.background{ background-color: rgb(123, 82,  
107) }
```

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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