

Converting Colors

XYZ(11.7688, 7.9981, 8.9024)

Have a look what the booklet for
XYZ(11.7688, 7.9981, 8.9024)
contains.

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Color

**XYZ(11.8393, 8.0267,
8.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	803852
RGB	128, 56, 82
RGB Percent	50%, 22%, 32%
CMY	0.4980, 0.7804, 0.6784
CMYK	0.00, 0.56, 0.36, 0.50
HSL	338°, 39%, 36%
HSV	338°, 56%, 50%
XYZ	11.8393, 8.0267, 8.9080
YIQ	80.4920, 34.5660, 23.3500

Conversions

Conversions Part 2

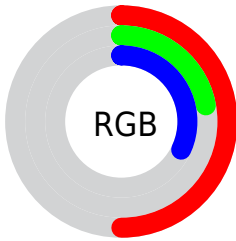
Format	Color
R_{YB}	128, 56, 82
Decimal	8403026
CIE _{Lab}	34.04, 34.03, -0.55
CIE _{LCh}	34, 34.030, 359.074
Yxy	8.0267, 0.4115, 0.2790
Android (android.graphics.Color)	4286593106 (0xFF803852)
YUV	80.4920, 0.7434, 41.6645
Hunter-Lab	28.3314, 25.0126, 1.1900

Details

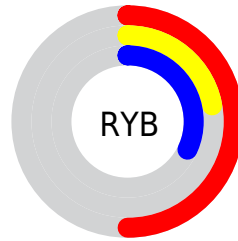
The XYZ color **11.8393, 8.0267, 8.9080** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **11.7488, 17.2387, 15.2794**, and the grayscale version is **7.7152, 8.1169, 8.8394**.

A 20% lighter version of the original color is **28.7792, 22.0140, 24.2050**, and **3.2790, 1.7163, 1.9087** is the 20% darker color. If you saturate the color by 10%, you get **11.0035, 6.8238, 7.1844**, and if you desaturate by 10%, it is **12.8713, 9.5626, 10.8802**.

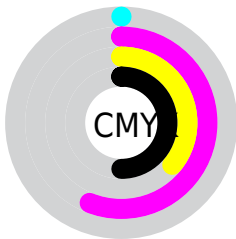
Distribution



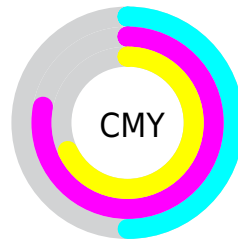
- Red (50%)
- Green (22%)
- Blue (32%)



- Red (50%)
- Yellow (22%)
- Blue (32%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8393, 8.0267, 8.9080 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 11.8393, 8.0267, 8.9080 by changing the saturation by 10% instead.


 11.8393, 8.0267,
8.9080


 11.8393, 8.0267,
8.9080


197.1302,
175.9413, 192.8828


 6.7058, 4.1120,
4.5852


 28.8215, 22.0108,
24.2951


 3.3235, 1.7364,
1.9516


 41.4009, 32.8490,
36.1965


 1.3270, 0.4471,
0.5253

 57.1929, 46.7638,
51.4612

 0.2033, 0.0000,
0.0000

 76.5629, 64.1397,
70.5077

 0.0000, 0.0000,
0.0000

 99.8763, 85.3609,
93.7546

 127.4984,

110.8120, 121.6204

159.7946,
140.8774, 154.5236

■ 11.8393, 8.0267,
8.9080

■ 11.8393, 8.0267,
8.9080

■ 11.0035, 6.8238,
7.1844

■ 12.8713, 9.5626,
10.8802

■ 10.3496, 5.9275,
5.6981

■ 14.1111, 11.4528,
13.1107

■ 9.8623, 5.3092,
4.4371

■ 15.5703, 13.7184,
15.6093

■ 9.5148, 4.9177,
3.3854

■ 17.2591, 16.3783,
18.3849

■ 9.3997, 4.7882,
3.0363

■ 19.1874, 19.4504,
21.4462

■ 21.3643, 22.9511,
24.8014

■ 23.7984, 26.8964,
28.4582

■ 26.4979, 31.3009,
32.4242

■ 29.4708, 36.1790,
36.7068

Harmonies

Analogous

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



11.1650, 8.0267, 15.2051



11.8393, 8.0267, 8.9080



11.2404, 8.0267, 4.6160

Triad

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



11.8393, 8.0267, 8.9080



6.0055, 8.0267, 2.4589



5.9197, 8.0267, 20.9516

Complementary

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



11.8393, 8.0267, 8.9080



11.7488, 17.2387, 15.2794

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.



4.8883, 8.0267, 14.7899



11.8393, 8.0267, 8.9080



4.9318, 8.0267, 4.4293

Square

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



11.8393, 8.0267, 8.9080



7.6877, 8.0267, 1.9412



4.5582, 8.0267, 8.5736



7.5709, 8.0267, 23.6946

Rectangle

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



11.8393, 8.0267, 8.9080



10.2476, 8.0267, 3.0232



4.5582, 8.0267, 8.5736



5.4996, 8.0267, 19.1135

Sweetspot

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



11.8395, 8.0271, 8.9081



30.0261, 28.2646, 31.7852



10.7451, 7.1887, 21.2435



6.9116, 6.4305, 7.2495



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.8395, 8.0271, 8.9081



19.0817, 11.6063, 12.0127



11.5412, 8.7250, 4.8176



4.3870, 4.3679, 4.8422



9.3210, 4.7481, 3.0140



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.8395, 8.0271, 8.9081



19.0817, 11.6063, 12.0127



12.0531, 15.4509, 22.7693



4.3870, 4.3679, 4.8422



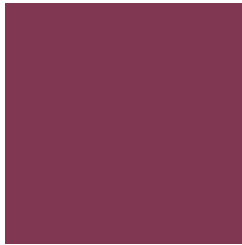
9.3210, 4.7481, 3.0140



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.8393, 8.0267, 8.9080 looks on a white background.

Color Contrast Check

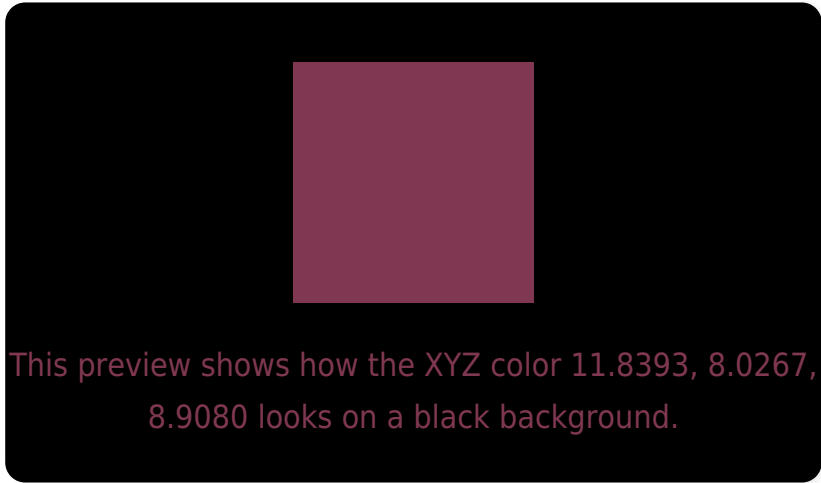
Large Text (above 18pt) WCAG AA ✓ Pass

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

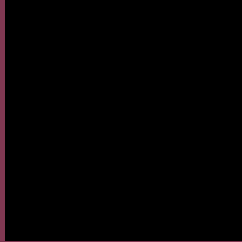
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.8393, 8.0267, 8.9080

Background



This preview shows how black text looks on a background with the XYZ color 11.8393, 8.0267, 8.9080.



This preview shows how white text looks on a background with the XYZ color 11.8393, 8.0267,

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

11.8393, 8.0267, 8.9080

Protanopia

8.0869, 8.1782, 12.4616

Deuteranopia

8.2555, 8.1371, 8.5326



Tritanopia

11.2937, 8.1139, 5.8214

Trichromacy



Original Color

11.8393, 8.0267, 8.9080

Protanomaly

9.0089, 7.7660, 11.1494

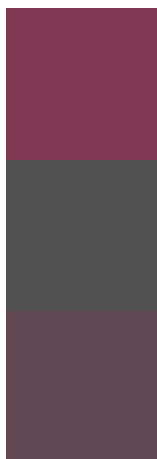
Deuteranomaly

9.2316, 7.8431, 8.6167

Tritanomaly

11.4537, 8.0949, 6.9200

Monochromacy



Original Color

11.8393, 8.0267, 8.9080

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.6682, 7.6419, 8.8028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8393, 8.0267, 8.9080 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(128, 56, 82)` looks like.

```
.text, #text, p{  
    color:rgb(128, 56, 82)  
}
```

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(128, 56, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 56, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.8393, 8.0267, 8.9080 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(128, 56, 82) }
```


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

```
.border{ border-color:rgb(128, 56, 82) }
```

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

Here you see how a box with a 4 pixel rgb(128, 56, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 56, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 56, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 56,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8393, 8.0267, 8.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 56, 82) }
```

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

```
.background{ background-color: rgb(128, 56,  
82) }
```

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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