

Converting Colors

XYZ(11.3870, 7.8387, 9.7533)

Have a look what the booklet for
XYZ(11.3870, 7.8387, 9.7533)
contains.

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Color

**XYZ(11.4550, 7.8832,
9.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3956
RGB	124, 57, 86
RGB Percent	49%, 22%, 34%
CMY	0.5137, 0.7765, 0.6627
CMYK	0.00, 0.54, 0.31, 0.51
HSL	334°, 37%, 35%
HSV	334°, 54%, 49%
XYZ	11.4550, 7.8832, 9.7220
YIQ	80.3390, 30.6230, 23.2230

Conversions

Conversions Part 2

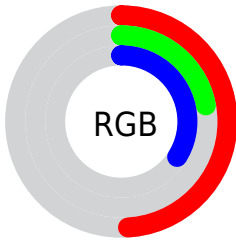
Format	Color
R_{YB}	124, 57, 86
Decimal	8141142
CIE _{Lab}	33.74, 32.59, -3.64
CIE _{LCh}	34, 32.789, 353.634
Yxy	7.8832, 0.3942, 0.2713
Android (android.graphics.Color)	4286331222 (0xFF7C3956)
YUV	80.3390, 2.7909, 38.2907
Hunter-Lab	28.0770, 23.6904, -0.8759

Details

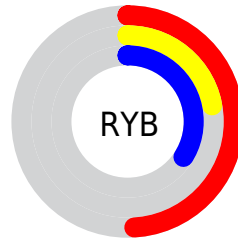
The XYZ color **11.4550, 7.8832, 9.7220** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.9609, 16.1115, 13.3593**, and the grayscale version is **7.6819, 8.0819, 8.8012**.

A 20% lighter version of the original color is **28.2920, 21.8767, 26.0240**, and **3.1379, 1.6681, 2.2544** is the 20% darker color. If you saturate the color by 10%, you get **10.6456, 6.6958, 8.1223**, and if you desaturate by 10%, it is **12.4425, 9.3821, 11.5189**.

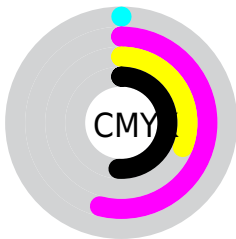
Distribution



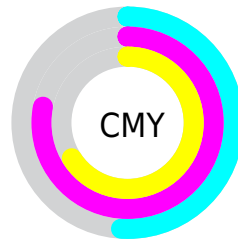
- Red (49%)
- Green (22%)
- Blue (34%)



- Red (49%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (31%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4550, 7.8832, 9.7220 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 11.4550, 7.8832, 9.7220 by changing the saturation by 10% instead.

■ 11.4550, 7.8832,
9.7220

■ 11.4550, 7.8832,
9.7220

194.6076,
174.8130, 199.0885

■ 6.4433, 4.0203,
5.1118

■ 28.1241, 21.7292,
25.8709

■ 3.1597, 1.6849,
2.2531

■ 40.5122, 32.4810,
38.2467

■ 1.2387, 0.4139,
0.7048

■ 56.0897, 46.2979,
54.0481

■ 0.1366, 0.0000,
0.0000

■ 75.2222, 63.5644,
73.6937

■ 0.0000, 0.0000,
0.0000

■ 98.2748, 84.6647,
97.6019

■ 125.6130,

109.9833, 126.1915

157.6022,
139.9046, 159.8808

■ 11.4550, 7.8832,
9.7220

■ 11.4550, 7.8832,
9.7220

■ 10.6456, 6.6958,
8.1223

■ 12.4425, 9.3821,
11.5189

■ 10.0018, 5.7961,
6.7113

■ 13.6182, 11.2115,
13.5198

■ 9.5102, 5.1590,
5.4806

■ 14.9921, 13.3904,
15.7319

■ 9.1529, 4.7500,
4.4198

■ 16.5735, 15.9359,
18.1617

■ 8.9703, 4.5483,
3.8545

■ 18.3708, 18.8642,
20.8155

■ 20.3922, 22.1901,
23.6992

■ 22.6453, 25.9280,
26.8186

■ 25.1373, 30.0914,
30.1792

■ 27.8752, 34.6932,
33.7862

Harmonies

Analogous

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



10.6160, 7.8832, 15.8448



11.4550, 7.8832, 9.7220



11.1041, 7.8832, 5.2105

Triad

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



11.4550, 7.8832, 9.7220



6.1973, 7.8832, 2.3542



5.6336, 7.8832, 19.2032

Complementary

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



11.4550, 7.8832, 9.7220



10.9609, 16.1115, 13.3593

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.



4.7639, 7.8832, 13.1665



11.4550, 7.8832, 9.7220



5.0514, 7.8832, 3.9691

Square

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



11.4550, 7.8832, 9.7220



7.8804, 7.8832, 2.0458



4.5691, 7.8832, 7.5375



7.1180, 7.8832, 22.5576

Rectangle

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



11.4550, 7.8832, 9.7220



10.2665, 7.8832, 3.4243



4.5691, 7.8832, 7.5375



5.2699, 7.8832, 17.3277

Sweetspot

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



11.4552, 7.8836, 9.7221



28.4778, 26.9312, 30.9204



9.8174, 6.8130, 19.8664



6.5950, 6.1621, 7.1115



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.



11.4552, 7.8836, 9.7221



18.4225, 11.3391, 13.6386



10.7447, 7.9684, 4.8431



4.0636, 4.0412, 4.5328



9.1179, 4.6233, 3.9117



43.0826, 21.8894, 16.4969

Inverse Universe

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



11.4552, 7.8836, 9.7221



18.4225, 11.3391, 13.6386



11.9862, 15.6462, 21.4571



4.0636, 4.0412, 4.5328



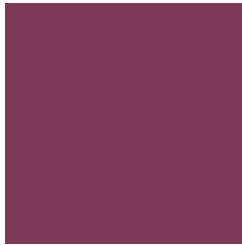
9.1179, 4.6233, 3.9117



43.0826, 21.8894, 16.4969

Previews

White Background



This preview shows how the XYZ color 11.4550, 7.8832, 9.7220 looks on a white background.

Color Contrast Check

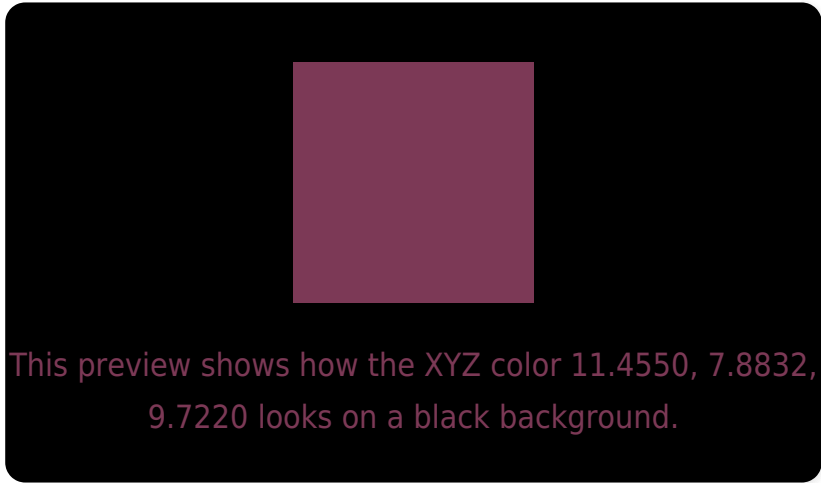
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4550, 7.8832, 9.7220

Background



This preview shows how black text looks on a background with the XYZ color 11.4550, 7.8832, 9.7220.

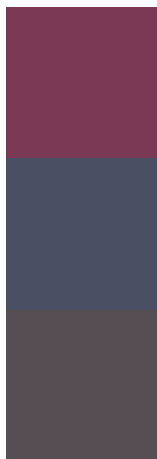


This preview shows how white text looks on a background with the XYZ color 11.4550, 7.8832,

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

11.4550, 7.8832, 9.7220

Protanopia

7.9979, 8.0079, 13.1807

Deuteranopia

8.2162, 8.0995, 9.3139



Tritanopia

10.6489, 7.8567, 5.9563

Trichromacy



Original Color

11.4550, 7.8832, 9.7220

Protanomaly

8.8330, 7.6599, 11.8394

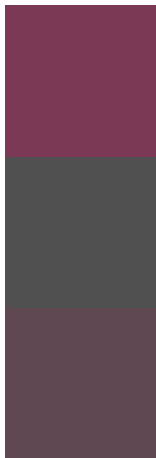
Deuteranomaly

9.0459, 7.7297, 9.4027

Tritanomaly

10.9868, 7.9237, 7.2537

Monochromacy



Original Color

11.4550, 7.8832, 9.7220

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.6642, 7.7307, 9.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4550, 7.8832, 9.7220 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(124, 57, 86)` looks like.

```
.text, #text, p{  
  color:rgb(124, 57, 86)  
}
```

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(124, 57, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 57, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.4550, 7.8832, 9.7220 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(124, 57, 86) }
```


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

```
.border{ border-color:rgb(124, 57, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 57, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 57, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 57, 86);  
box-shadow:4px 4px 4px 4px rgb(124, 57,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4550, 7.8832, 9.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 57, 86) }
```

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

```
.background{ background-color: rgb(124, 57,  
86) }
```

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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