

Converting Colors

XYZ(15.0938, 10.0882, 12.8192)

Have a look what the booklet for
XYZ(15.0938, 10.0882, 12.8192)
contains.

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Color

**XYZ(15.0826, 10.0779,
12.7056)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3E62
RGB	142, 62, 98
RGB Percent	56%, 24%, 38%
CMY	0.4431, 0.7568, 0.6157
CMYK	0.00, 0.56, 0.31, 0.44
HSL	333°, 39%, 40%
HSV	333°, 56%, 56%
XYZ	15.0826, 10.0779, 12.7056
YIQ	90.0240, 36.1240, 28.1560

Conversions

Conversions Part 2

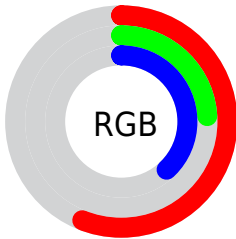
Format	Color
R_{YB}	142, 62, 98
Decimal	9322082
CIE _{Lab}	37.98, 38.02, -4.66
CIE _{LCh}	38, 38.301, 353.010
Yxy	10.0779, 0.3983, 0.2661
Android (android.graphics.Color)	4287512162 (0xFF8E3E62)
YUV	90.0240, 3.9322, 45.5830
Hunter-Lab	31.7457, 29.2516, -1.5077

Details

The XYZ color **15.0826, 10.0779, 12.7056** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.2617, 21.4111, 17.0179**, and the grayscale version is **9.7097, 10.2154, 11.1246**.

A 20% lighter version of the original color is **34.6186, 25.9859, 31.6250**, and **4.8265, 2.5454, 3.4857** is the 20% darker color. If you saturate the color by 10%, you get **14.0579, 8.5902, 10.6325**, and if you desaturate by 10%, it is **16.3456, 11.9846, 15.0359**.

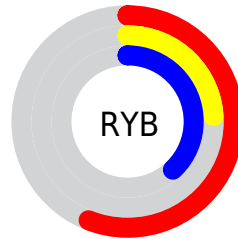
Distribution



Red (56%)

Green (24%)

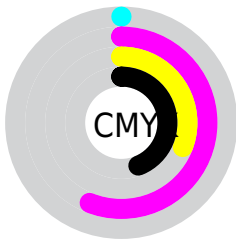
Blue (38%)



Red (56%)

Yellow (24%)

Blue (38%)

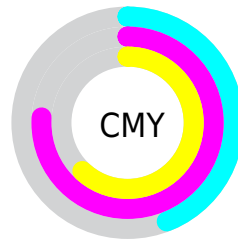


Cyan (0%)

Magenta (56%)

Yellow (31%)

Black (44%)



Cyan (44%)


Magenta (76%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0826, 10.0779, 12.7056 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 15.0826, 10.0779, 12.7056 by changing the saturation by 10% instead.


 15.0826, 10.0779,
12.7056


 15.0826, 10.0779,
12.7056


217.2441,
191.2271, 220.1633


 8.9641, 5.4506,
7.0978


 34.5685, 25.9419,
31.4573


 4.7747, 2.5140,
3.4440


 48.6666, 37.9475,
45.4382


 2.1491, 0.8836,
1.3256

 66.1552, 53.1812,
63.0472

 0.7157, 0.0000,
0.0826

 87.3997, 72.0276,
84.7030

 0.0000, 0.0000,
0.0000

 112.7655, 94.8710,
110.8239

 142.6180,

122.0958, 141.8286

177.3224,
154.0864, 178.1355

■ 15.0826, 10.0779,
12.7056

■ 15.0826, 10.0779,
12.7056

■ 14.0579, 8.5902,
10.6325

■ 16.3456, 11.9846,
15.0359

■ 13.2537, 7.4874,
8.8053

■ 17.8615, 14.3379,
17.6329

■ 12.6505, 6.7325,
7.2123

■ 19.6445, 17.1647,
20.5060

■ 12.2178, 6.2662,
5.8379

■ 21.7076, 20.4894,
23.6641

■ 12.0779, 6.1198,
5.3797

■ 24.0627, 24.3348,
27.1155

■ 26.7212, 28.7221,
30.8682

■ 29.6939, 33.6714,
34.9299

■ 32.9909, 39.2018,
39.3079

■ 36.6219, 45.3314,
44.0092

Harmonies

Analogous

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



13.8754, 10.0779, 21.3085



15.0826, 10.0779, 12.7056



14.6255, 10.0779, 6.4839

Triad

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



15.0826, 10.0779, 12.7056



7.8462, 10.0779, 2.6308



7.0053, 10.0779, 25.7398

Complementary

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



15.0826, 10.0779, 12.7056



14.2617, 21.4111, 17.0179

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.



5.8513, 10.0779, 17.1660



15.0826, 10.0779, 12.7056



6.2755, 10.0779, 4.6739

Square

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



15.0826, 10.0779, 12.7056



10.1660, 10.0779, 2.2714



5.6090, 10.0779, 9.4058



9.0146, 10.0779, 30.6592

Rectangle

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



15.0826, 10.0779, 12.7056



13.4706, 10.0779, 4.0837



5.6090, 10.0779, 9.4058



6.5195, 10.0779, 23.0504

Sweetspot

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



15.0829, 10.0784, 12.7058



37.8855, 35.4927, 41.1388



12.5495, 8.4631, 26.5634



8.3169, 7.6928, 8.9697



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0829, 10.0784, 12.7058



24.3132, 14.4797, 17.7121



13.9735, 9.9956, 5.7509



5.5034, 5.4619, 6.1491



10.8531, 5.4983, 4.8779



0.1146, 0.0569, 0.1038

Inverse Universe

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



15.0829, 10.0784, 12.7058



24.3132, 14.4797, 17.7121



15.9580, 21.1544, 28.8334



5.5034, 5.4619, 6.1491



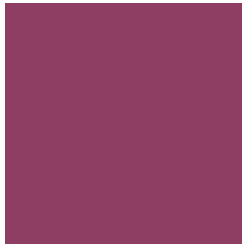
10.8531, 5.4983, 4.8779



0.1146, 0.0569, 0.1038

Previews

White Background



This preview shows how the XYZ color 15.0826, 10.0779, 12.7056 looks on a white background.

Color Contrast Check

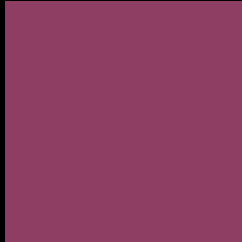
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0826, 10.0779, 12.7056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

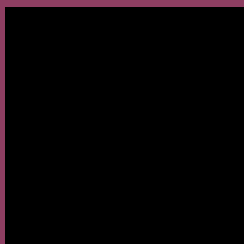
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0826, 10.0779, 12.7056

Background



This preview shows how black text looks on a background with the XYZ color 15.0826, 10.0779, 12.7056.



This preview shows how white text looks on a background with the XYZ color 15.0826, 10.0779,

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

15.0826, 10.0779, 12.7056

Protanopia

10.2920, 10.2447, 17.9580

Deuteranopia

10.3583, 10.1659, 12.0060



Tritanopia

13.9921, 10.0576, 7.3347

Trichromacy



Original Color

15.0826, 10.0779, 12.7056

Protanomaly

11.2652, 9.6391, 15.7348

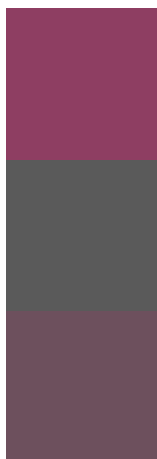
Deuteranomaly

11.6000, 9.7857, 12.1039

Tritanomaly

14.3600, 10.0374, 8.9651

Monochromacy



Original Color

15.0826, 10.0779, 12.7056

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.1511, 9.7788, 11.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0826, 10.0779, 12.7056 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(142, 62, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 62, 98)  
}
```

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(142, 62, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 62, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.0826, 10.0779, 12.7056 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(142, 62, 98) }
```


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

```
.border{ border-color:rgb(142, 62, 98) }
```

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

Here you see how a box with a 4 pixel rgb(142, 62, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 62, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 62, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 62,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0826, 10.0779, 12.7056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 62, 98) }
```

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

```
.background{ background-color: rgb(142, 62,  
98) }
```

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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