

Converting Colors

XYZ(15.8593, 10.1507, 10.2519)

Have a look what the booklet for
XYZ(15.8593, 10.1507, 10.2519)
contains.

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Color

**XYZ(15.8023, 10.1149,
10.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	963958
RGB	150, 57, 88
RGB Percent	59%, 22%, 35%
CMY	0.4118, 0.7764, 0.6549
CMYK	0.00, 0.62, 0.41, 0.41
HSL	340°, 45%, 41%
HSV	340°, 62%, 59%
XYZ	15.8023, 10.1149, 10.3520
YIQ	88.3410, 45.4770, 29.3570

Conversions

Conversions Part 2

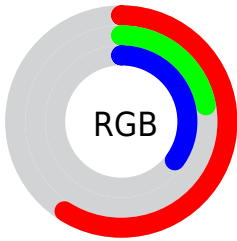
Format	Color
R_{YB}	150, 57, 88
Decimal	9845080
CIE _{Lab}	38.05, 41.97, 1.90
CIE _{LCh}	38, 42.014, 2.598
Yxy	10.1149, 0.4357, 0.2789
Android (android.graphics.Color)	4288035160 (0xFF963958)
YUV	88.3410, -0.1681, 54.0749
Hunter-Lab	31.8039, 33.0337, 2.9642

Details

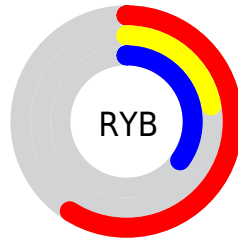
The XYZ color **15.8023, 10.1149, 10.3520** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.9241, 24.0148, 21.2505**, and the grayscale version is **9.3442, 9.8308, 10.7058**.

A 20% lighter version of the original color is **35.7882, 26.0377, 27.1843**, and **5.1554, 2.6073, 2.5170** is the 20% darker color. If you saturate the color by 10%, you get **14.7810, 8.6904, 8.1061**, and if you desaturate by 10%, it is **17.1001, 12.0014, 12.9707**.

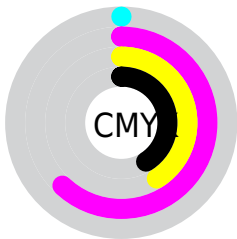
Distribution



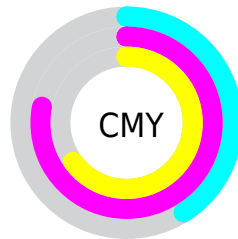
- Red (59%)
- Green (22%)
- Blue (35%)



- Red (59%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (41%)
- Black (41%)





- Cyan (41%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8023, 10.1149, 10.3520 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 15.8023, 10.1149, 10.3520 by changing the saturation by 10% instead.


 15.8023, 10.1149,
10.3520


 15.8023, 10.1149,
10.3520


221.4657,
191.4902, 203.7415


 9.4743, 5.4752,
5.5243


 35.8149, 26.0114,
27.0736


 5.1114, 2.5287,
2.4940

 50.2302, 38.0370,
39.8046


 2.3482, 0.8910,
0.8370

 68.0720, 53.2933,
56.0071

 0.8192, 0.0000,
0.0000

 89.7056, 72.1648,
76.0997

 0.0000, 0.0000,
0.0000

 115.4964, 95.0359,
100.5009

 145.8098,

122.2908, 129.6292

181.0111,
154.3141, 163.9032

■ 15.8023, 10.1149,
10.3520

■ 15.8023, 10.1149,
10.3520

■ 14.7810, 8.6904,
8.1061

■ 17.1001, 12.0014,
12.9707

■ 14.0131, 7.6855,
6.2136

■ 18.6932, 14.3841,
15.9789

■ 13.4729, 7.0526,
4.6540

■ 20.5998, 17.2959,
19.3929

■ 13.1533, 6.7143,
3.6197

■ 22.8361, 20.7665,
23.2277

■ 25.4174, 24.8232,
27.4977

■ 28.3579, 29.4915,
32.2163

■ 31.6710, 34.7955,
37.3966

■ 35.3693, 40.7579,
43.0511

■ 39.4650, 47.4004,
49.1915

Harmonies

Analogous

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



15.0105, 10.1149, 19.3903



15.8023, 10.1149, 10.3520



14.6955, 10.1149, 4.7796

Triad

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



15.8023, 10.1149, 10.3520



7.0752, 10.1149, 2.6269



7.4132, 10.1149, 30.2383

Complementary

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



15.8023, 10.1149, 10.3520



15.9241, 24.0148, 21.2505

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.



5.8639, 10.1149, 21.1457



15.8023, 10.1149, 10.3520



5.6960, 10.1149, 5.4817

Square

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



15.8023, 10.1149, 10.3520



9.3801, 10.1149, 1.8284



5.2977, 10.1149, 11.7024



9.8516, 10.1149, 33.6032

Rectangle

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



15.8023, 10.1149, 10.3520



13.1320, 10.1149, 2.9121



5.2977, 10.1149, 11.7024



6.7880, 10.1149, 27.5912

Sweetspot

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



15.8026, 10.1154, 10.3522



41.4351, 38.4234, 42.8922



14.5765, 9.0509, 29.8330



8.9336, 8.1255, 9.0884



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.8026, 10.1154, 10.3522



25.5675, 14.6428, 13.0803



15.6665, 11.4798, 5.2617



5.8758, 5.8454, 6.4520



10.9227, 5.5741, 3.0741



0.1463, 0.0733, 0.1041

Inverse Universe

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



15.8026, 10.1154, 10.3522



25.5675, 14.6428, 13.0803



15.7872, 20.2611, 31.9329



5.8758, 5.8454, 6.4520



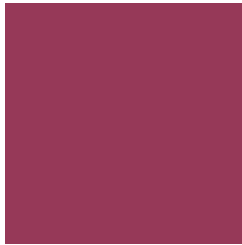
10.9227, 5.5741, 3.0741



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 15.8023, 10.1149, 10.3520 looks on a white background.

Color Contrast Check

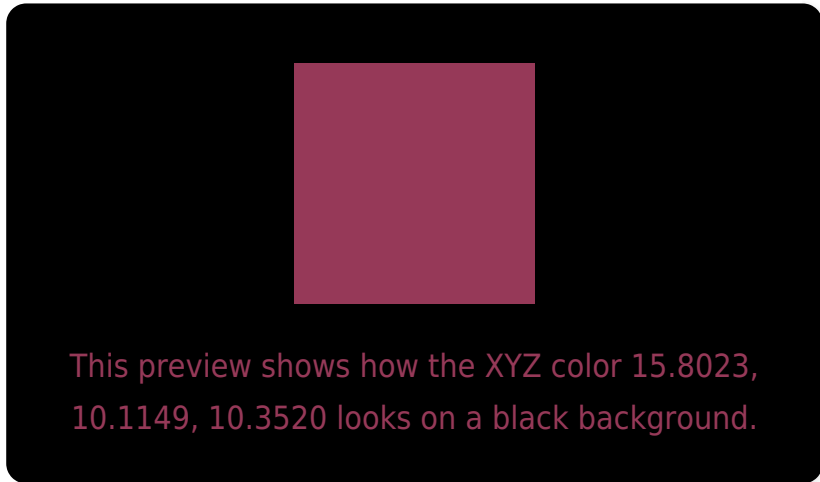
Large Text (above 18pt) WCAG AA ✓ Pass

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

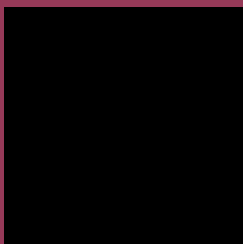
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8023, 10.1149, 10.3520

Background



This preview shows how black text looks on a background with the XYZ color 15.8023, 10.1149, 10.3520.



This preview shows how white text looks on a background with the XYZ color 15.8023, 10.1149,

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

15.8023, 10.1149, 10.3520

Protanopia

10.2405, 10.4001, 15.3776

Deuteranopia

10.4490, 10.2657, 9.6144



Tritanopia

14.9187, 10.1345, 6.3241

Trichromacy



Original Color

15.8023, 10.1149, 10.3520

Protanomaly

11.4550, 9.6839, 13.3220

Deuteranomaly

11.8319, 9.7467, 9.8520

Tritanomaly

15.2463, 10.1157, 7.6275

Monochromacy



Original Color

15.8023, 10.1149, 10.3520

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.9709, 9.3918, 10.4671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8023, 10.1149, 10.3520 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(150, 57, 88)` looks like.

```
.text, #text, p{  
    color:rgb(150, 57, 88)  
}
```

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(150, 57, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 57, 88) }
```

Border

The CSS property to change the border of an element to XYZ 15.8023, 10.1149, 10.3520 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(150, 57, 88) }
```


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

```
.border{ border-color:rgb(150, 57, 88) }
```

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

Here you see how a box with a 4 pixel rgb(150, 57, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 57, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 57, 88);  
box-shadow:4px 4px 4px 4px rgb(150, 57,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8023, 10.1149, 10.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 57, 88) }
```

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

```
.background{ background-color: rgb(150, 57,  
88) }
```

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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