

Converting Colors

XYZ(15.8378, 9.9450, 18.8541)

Have a look what the booklet for
XYZ(15.8378, 9.9450, 18.8541)
contains.

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Color

**XYZ(15.8378, 9.9450,
18.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3978
RGB	141, 57, 120
RGB Percent	55%, 22%, 47%
CMY	0.4471, 0.7765, 0.5294
CMYK	0.00, 0.60, 0.15, 0.45
HSL	315°, 42%, 39%
HSV	315°, 60%, 55%
XYZ	15.8378, 9.9450, 18.8541
YIQ	89.2980, 29.8410, 37.4010

Conversions

Conversions Part 2

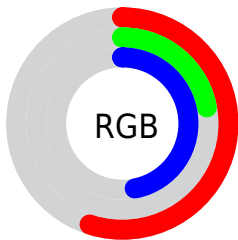
Format	Color
R_{YB}	141, 57, 120
Decimal	9255288
CIE _{Lab}	37.74, 43.49, -18.81
CIE _{LCh}	38, 47.383, 336.605
Yxy	9.9450, 0.3548, 0.2228
Android (android.graphics.Color)	4287445368 (0xFF8D3978)
YUV	89.2980, 15.1361, 45.3427
Hunter-Lab	31.5357, 34.4585, -13.3725

Details

The XYZ color **15.8378, 9.9450, 18.8541** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.5878, 20.4701, 10.4962**, and the grayscale version is **9.5247, 10.0207, 10.9126**.

A 20% lighter version of the original color is **35.9410, 25.7862, 42.1127**, and **5.1618, 2.5296, 6.1774** is the 20% darker color. If you saturate the color by 10%, you get **15.0251, 8.6556, 17.5470**, and if you desaturate by 10%, it is **16.8526, 11.6257, 20.2676**.

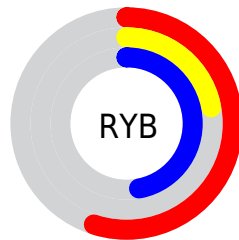
Distribution



Red (55%)

Green (22%)

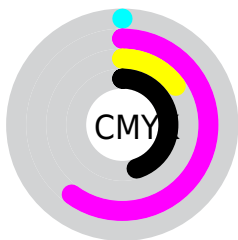
Blue (47%)



Red (55%)

Yellow (22%)

Blue (47%)

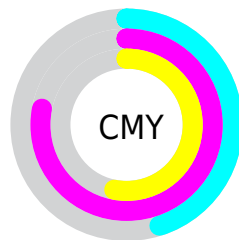


Cyan (0%)

Magenta (60%)

Yellow (15%)

Black (45%)



Cyan (45%)

Magenta (78%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8378, 9.9450, 18.8541 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 15.8378, 9.9450, 18.8541 by changing the saturation by 10% instead.


 15.8378, 9.9450,
18.8541


 15.8378, 9.9450,
18.8541


221.6720,
190.2791, 258.0380


 9.4996, 5.3625,
11.3892


 35.8761, 25.6920,
42.3208


 5.1281, 2.4615,
6.2118

 50.3069, 37.6253,
59.1597


 2.3582, 0.8573,
2.9034

 68.1659, 52.7777,
79.9603

 0.8242, 0.0000,
1.0455

 89.8185, 71.5335,
105.1411

 0.0000, 0.0000,
0.0000

 115.6301, 94.2771,
135.1208

 145.9659,

121.3930, 170.3178

181.1914,
153.2655, 211.1507

■ 15.8378, 9.9450,
18.8541

■ 15.8378, 9.9450,
18.8541

■ 15.0251, 8.6556,
17.5470

■ 16.8526, 11.6257,
20.2676

■ 14.3970, 7.7230,
16.3399

■ 18.0833, 13.7256,
21.7922

■ 13.9345, 7.1094,
15.2260

■ 19.5434, 16.2714,
23.4330

■ 13.5875, 6.7144,
14.1881

■ 21.2451, 19.2874,
25.1944

■ 13.5731, 6.6982,
14.1447

■ 23.1997, 22.7962,
27.0805

■ 25.4178, 26.8188,
29.0954

■ 27.9095, 31.3749,
31.2426

■ 30.6840, 36.4834,
33.5257

■ 33.7504, 42.1621,
35.9480

Harmonies

Analogous

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



13.3502, 9.9450, 30.3867



15.8378, 9.9450, 18.8541



16.4642, 9.9450, 9.0278

Triad

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



15.8378, 9.9450, 18.8541



8.8008, 9.9450, 1.2899



5.5189, 9.9450, 24.0614

Complementary

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



15.8378, 9.9450, 18.8541



12.5878, 20.4701, 10.4962

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.



4.7821, 9.9450, 12.8539



15.8378, 9.9450, 18.8541



6.3984, 9.9450, 2.2183

Square

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



15.8378, 9.9450, 18.8541



11.9476, 9.9450, 1.6183



5.0658, 9.9450, 5.4812



7.3313, 9.9450, 34.3491

Rectangle

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



15.8378, 9.9450, 18.8541



15.6448, 9.9450, 4.9626



5.0658, 9.9450, 5.4812



5.1569, 9.9450, 20.1016

Sweetspot

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



15.8381, 9.9455, 18.8543



38.4372, 35.2387, 45.5074



9.4132, 6.4696, 25.9522



8.3957, 7.5328, 9.9750



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.



15.8381, 9.9455, 18.8543



26.5424, 14.9442, 30.7676



13.8232, 9.1395, 8.2438



5.5694, 5.4883, 6.4966



12.3825, 6.1100, 12.9315



0.1272, 0.0619, 0.1700

Inverse Universe

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



15.8381, 9.9455, 18.8543



26.5424, 14.9442, 30.7676



14.6028, 21.2760, 21.1068



5.5694, 5.4883, 6.4966



12.3825, 6.1100, 12.9315



0.1272, 0.0619, 0.1700

Previews

White Background



This preview shows how the XYZ color 15.8378, 9.9450, 18.8541 looks on a white background.

Color Contrast Check

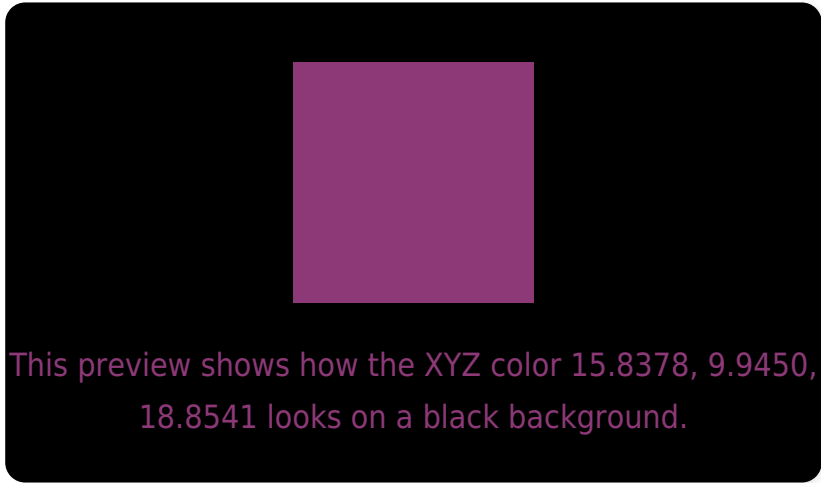
Large Text (above 18pt) WCAG AA ✓ Pass

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

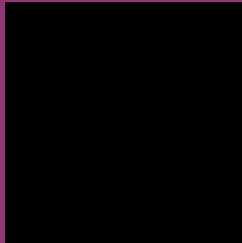
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8378, 9.9450, 18.8541

Background



This preview shows how black text looks on a background with the XYZ color 15.8378, 9.9450, 18.8541.



This preview shows how white text looks on a background with the XYZ color 15.8378, 9.9450,

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

15.8378, 9.9450, 18.8541

Protanopia

10.9153, 10.2171, 28.1849

Deuteranopia

10.3305, 10.1485, 17.6340



Tritanopia

13.5175, 9.9849, 7.6934

Trichromacy



Original Color

15.8378, 9.9450, 18.8541

Protanomaly

11.7139, 9.4650, 24.5021

Deuteranomaly

11.6905, 9.5954, 18.0656

Tritanomaly

14.2599, 9.9392, 11.0644

Monochromacy



Original Color

15.8378, 9.9450, 18.8541

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.1385, 9.4160, 13.2870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8378, 9.9450, 18.8541 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(141, 57, 120)` looks like.

```
.text, #text, p{  
    color:rgb(141, 57, 120)  
}
```

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(141, 57, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 57, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.8378, 9.9450, 18.8541 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(141, 57, 120) }
```


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

```
.border{ border-color:rgb(141, 57, 120) }
```

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

Here you see how a box with a 4 pixel rgb(141, 57, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 57, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 57, 120);  
box-shadow:4px 4px 4px 4px rgb(141, 57,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8378, 9.9450, 18.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 57, 120) }
```

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

```
.background{ background-color: rgb(141, 57,  
120) }
```

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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