

Converting Colors

XYZ(15.3795, 7.5373, 19.2074)

Have a look what the booklet for
XYZ(15.3795, 7.5373, 19.2074)
contains.

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Color

**XYZ(15.3778, 7.5378,
19.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	92017A
RGB	146, 1, 122
RGB Percent	57%, 0%, 48%
CMY	0.4274, 0.9960, 0.5216
CMYK	0.00, 0.99, 0.16, 0.43
HSL	310°, 99%, 29%
HSV	310°, 99%, 57%
XYZ	15.3778, 7.5378, 19.0568
YIQ	58.1490, 47.5790, 68.3710

Conversions

Conversions Part 2

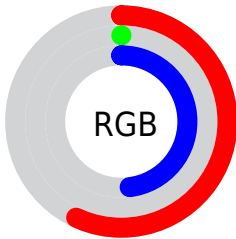
Format	Color
R_{YB}	146, 1, 122
Decimal	9568634
CIE _{Lab}	33.00, 61.24, -27.39
CIE _{LCh}	33, 67.085, 335.904
Yxy	7.5378, 0.3664, 0.1796
Android (android.graphics.Color)	4287758714 (0xFF92017A)
YUV	58.1490, 31.4785, 77.0453
Hunter-Lab	27.4551, 51.9330, -21.9352

Details

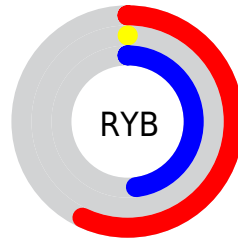
The XYZ color **15.3778, 7.5378, 19.0568** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **10.4673, 20.6348, 4.3516**, and the grayscale version is **3.9973, 4.2054, 4.5797**.

A 20% lighter version of the original color is **35.2241, 21.1014, 42.7739**, and **5.5170, 2.7052, 6.5347** is the 20% darker color. If you saturate the color by 10%, you get **15.3567, 7.5121, 18.9987**, and if you desaturate by 10%, it is **15.6983, 7.9361, 19.9118**.

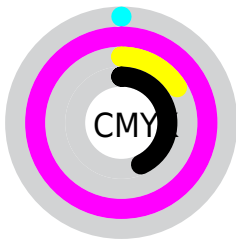
Distribution



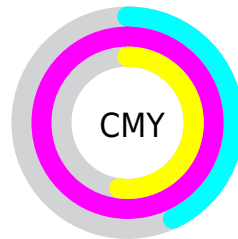
- Red (57%)
- Green (0%)
- Blue (48%)



- Red (57%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (99%)
- Yellow (16%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3778, 7.5378, 19.0568 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 15.3778, 7.5378, 19.0568 by changing the saturation by 10% instead.

■ 15.3778, 7.5378,
19.0568

■ 15.3778, 7.5378,
19.0568

218.9850,
172.0605, 259.1953

■ 9.1730, 3.8007,
11.5341

■ 35.0808, 21.0472,
42.6680

■ 4.9122, 1.5627,
6.3086

■ 49.3098, 31.5883,
59.5936

■ 2.2301, 0.3322,
2.9618

■ 66.9442, 45.1661,
80.4906

■ 0.7585, 0.0000,
1.0752

■ 88.3494, 62.1651,
105.7776

■ 0.0000, 0.0000,
0.0000

■ 113.8907, 82.9696,
135.8730

■ 143.9335,

107.9641, 171.1953

178.8431,
137.5329, 212.1633

15.3778, 7.5378,
19.0568

15.3778, 7.5378,
19.0568

15.3567, 7.5121,
18.9987

15.6983, 7.9361,
19.9118

16.1438, 8.5784,
20.8269

16.7646, 9.5652,
21.8190

17.5816, 10.9384,
22.8954

18.6128, 12.7339,
24.0620

■ 19.8741, 14.9833,
25.3243

■ 21.3798, 17.7156,
26.6873

■ 23.1433, 20.9569,
28.1554

■ 25.1766, 24.7318,
29.7329

Harmonies

Analogous

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



11.9598, 7.5378, 36.4133



15.3778, 7.5378, 19.0568



16.3262, 7.5378, 6.3561

Triad

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



15.3778, 7.5378, 19.0568



6.4849, 7.5378, 0.0000



2.9354, 7.5378, 25.8403

Complementary

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



15.3778, 7.5378, 19.0568



10.4673, 20.6348, 4.3516

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.



2.2934, 7.5378, 10.3872



15.3778, 7.5378, 19.0568



3.8605, 7.5378, 0.1790

Square

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



15.3778, 7.5378, 19.0568



10.3286, 7.5378, 0.0000



2.5649, 7.5378, 2.5333



4.7231, 7.5378, 42.1176

Rectangle

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



15.3778, 7.5378, 19.0568



15.2268, 7.5378, 2.2865



2.5649, 7.5378, 2.5333



2.6110, 7.5378, 20.0540

Sweetspot

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



15.3781, 7.5382, 19.0569



37.3454, 30.5754, 46.7559



5.5472, 2.2767, 27.3416



8.0799, 6.3870, 10.1983



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.3781, 7.5382, 19.0569



27.0374, 13.2307, 33.2350



12.4796, 6.3788, 3.7938



5.9945, 5.8929, 7.0773



13.5208, 6.6134, 16.7552



0.1743, 0.0845, 0.2515

Inverse Universe

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



15.3781, 7.5382, 19.0569



27.0374, 13.2307, 33.2350



12.3688, 21.3954, 14.3651



5.9945, 5.8929, 7.0773



13.5208, 6.6134, 16.7552



0.1743, 0.0845, 0.2515

Previews

White Background



This preview shows how the XYZ color 15.3778, 7.5378, 19.0568 looks on a white background.

Color Contrast Check

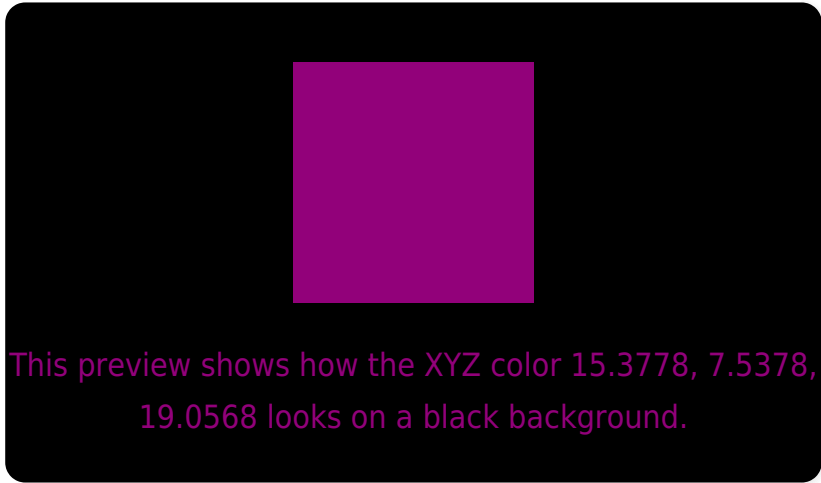
Large Text (above 18pt) WCAG AA ✓ Pass

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

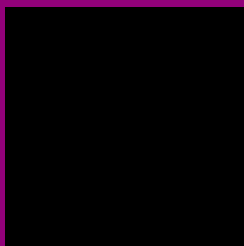
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3778, 7.5378, 19.0568

Background



This preview shows how black text looks on a background with the XYZ color 15.3778, 7.5378, 19.0568.



This preview shows how white text looks on a background with the XYZ color 15.3778, 7.5378,

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

15.3778, 7.5378, 19.0568

Protanopia

9.5159, 8.1654, 36.6718

Deuteranopia

8.2898, 8.1812, 17.0618



Tritanopia

12.4697, 7.9284, 4.0051

Trichromacy



Original Color

15.3778, 7.5378, 19.0568

Protanomaly

8.0336, 5.2080, 29.0156

Deuteranomaly

9.2186, 6.1388, 17.5287

Tritanomaly

12.9849, 7.2666, 7.7394

Monochromacy



Original Color

15.3778, 7.5378, 19.0568

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.3632, 4.0909, 8.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3778, 7.5378, 19.0568 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(146, 1, 122)` looks like.

```
.text, #text, p{  
    color:rgb(146, 1, 122)  
}
```

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(146, 1, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 1, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.3778, 7.5378, 19.0568 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(146, 1, 122) }
```


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

```
.border{ border-color:rgb(146, 1, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 1, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 1, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 1, 122);  
box-shadow:4px 4px 4px 4px rgb(146, 1,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3778, 7.5378, 19.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 1, 122) }
```

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

```
.background{ background-color: rgb(146, 1,  
122) }
```

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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