

Converting Colors

XYZ(15.1658, 9.9923, 8.4560)

Have a look what the booklet for
XYZ(15.1658, 9.9923, 8.4560)
contains.

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Color

**XYZ(15.1880, 9.9883,
8.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	943B4F
RGB	148, 59, 79
RGB Percent	58%, 23%, 31%
CMY	0.4196, 0.7686, 0.6902
CMYK	0.00, 0.60, 0.47, 0.42
HSL	347°, 43%, 41%
HSV	347°, 60%, 58%
XYZ	15.1880, 9.9883, 8.5246
YIQ	87.8910, 46.6240, 25.0880

Conversions

Conversions Part 2

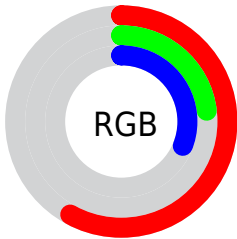
Format	Color
R_{YB}	148, 59, 79
Decimal	9714511
CIE _{Lab}	37.82, 39.34, 7.24
CIE _{LCh}	38, 39.997, 10.423
Yxy	9.9883, 0.4507, 0.2964
Android (android.graphics.Color)	4287904591 (0xFF943B4F)
YUV	87.8910, -4.3833, 52.7156
Hunter-Lab	31.6043, 30.4739, 6.1307

Details

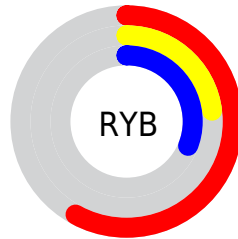
The XYZ color **15.1880, 9.9883, 8.5246** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.2904, 23.6684, 24.1334**, and the grayscale version is **9.2545, 9.7364, 10.6030**.

A 20% lighter version of the original color is **34.6490, 25.6895, 23.5544**, and **4.8393, 2.4919, 1.8160** is the 20% darker color. If you saturate the color by 10%, you get **14.1501, 8.5241, 6.2928**, and if you desaturate by 10%, it is **16.5143, 11.9137, 11.2084**.

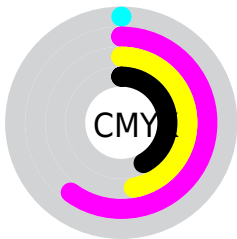
Distribution



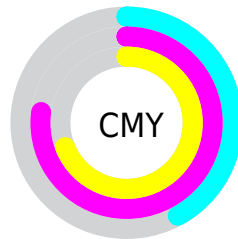
- Red (58%)
- Green (23%)
- Blue (31%)



- Red (58%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (42%)





- Cyan (42%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1880, 9.9883, 8.5246 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 15.1880, 9.9883, 8.5246 by changing the saturation by 10% instead.

 15.1880, 9.9883,
8.5246


 15.1880, 9.9883,
8.5246


217.8672,
190.5885, 189.8763


 9.0386, 5.3912,
4.3399


 34.7516, 25.7735,
23.5436


 4.8237, 2.4786,
1.8136

 48.8965, 37.7304,
35.2149


 2.1779, 0.8659,
0.4369

 66.4373, 52.9093,
50.2188

 0.7310, 0.0000,
0.0000

 87.7394, 71.6947,
68.9738

 0.0000, 0.0000,
0.0000

 113.1681, 94.4709,
91.8986

 143.0887,

121.6224, 119.4115

177.8666,
153.5334, 151.9313

■ 15.1880, 9.9883,
8.5246

■ 15.1880, 9.9883,
8.5246

■ 14.1501, 8.5241,
6.2928

■ 16.5143, 11.9137,
11.2084

■ 13.3772, 7.4806,
4.4868

■ 18.1481, 14.3334,
14.3675

■ 12.8436, 6.8127,
3.0781

■ 20.1080, 17.2789,
18.0238

■ 12.4908, 6.4071,
2.0359

■ 22.4106, 20.7791,
22.1979

■ 25.0715, 24.8605,
26.9093

■ 28.1054, 29.5478,
32.1762

■ 31.5260, 34.8646,
38.0161

■ 35.3464, 40.8329,
44.4457

■ 39.5791, 47.4738,
51.4811

Harmonies

Analogous

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



14.9123, 9.9883, 16.3008



15.1880, 9.9883, 8.5246



13.7438, 9.9883, 4.0680

Triad

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



15.1880, 9.9883, 8.5246



6.6523, 9.9883, 3.2985



7.9415, 9.9883, 30.2346

Complementary

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



15.1880, 9.9883, 8.5246



16.2904, 23.6684, 24.1334

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.



6.2246, 9.9883, 22.7802



15.1880, 9.9883, 8.5246



5.5780, 9.9883, 6.8113

Square

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



15.1880, 9.9883, 8.5246



8.6326, 9.9883, 2.0794



5.4369, 9.9883, 13.6233



10.4099, 9.9883, 31.3976

Rectangle

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



15.1880, 9.9883, 8.5246



12.1294, 9.9883, 2.6570



5.4369, 9.9883, 13.6233



7.2703, 9.9883, 28.2633

Sweetspot

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



15.1883, 9.9888, 8.5248



40.3277, 37.8642, 40.5706



15.6969, 9.7966, 29.0806



8.9366, 8.2321, 8.7796



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.



15.1883, 9.9888, 8.5248



24.4666, 14.3532, 9.9692



16.0754, 12.7580, 5.7536



5.8510, 5.8355, 6.3215



10.6782, 5.4763, 1.7864



0.1402, 0.0708, 0.0721

Inverse Universe

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



15.1883, 9.9888, 8.5248



24.4666, 14.3532, 9.9692



14.3905, 17.5506, 30.6461



5.8510, 5.8355, 6.3215



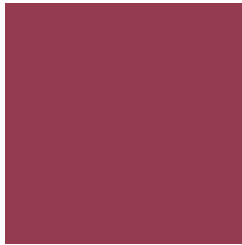
10.6782, 5.4763, 1.7864



0.1402, 0.0708, 0.0721

Previews

White Background



This preview shows how the XYZ color 15.1880, 9.9883, 8.5246 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



This preview shows how the XYZ color 15.1880, 9.9883, 8.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

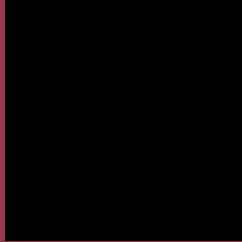
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1880, 9.9883, 8.5246

Background



This preview shows how black text looks on a background with the XYZ color 15.1880, 9.9883, 8.5246.



This preview shows how white text looks on a background with the XYZ color 15.1880, 9.9883,

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

15.1880, 9.9883, 8.5246

Protanopia

9.8544, 10.1446, 12.2652

Deuteranopia

10.3067, 10.1066, 8.0642



Tritanopia

14.7386, 10.0416, 6.3157

Trichromacy



Original Color

15.1880, 9.9883, 8.5246

Protanomaly

11.0831, 9.5496, 10.7103

Deuteranomaly

11.6347, 9.6838, 8.0934

Tritanomaly

14.8387, 9.9955, 7.1085

Monochromacy



Original Color

15.1880, 9.9883, 8.5246

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.7240, 9.2786, 9.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1880, 9.9883, 8.5246 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(148, 59, 79)` looks like.

```
.text, #text, p{  
  color:rgb(148, 59, 79)  
}
```

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(148, 59, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 59, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.1880, 9.9883, 8.5246 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(148, 59, 79) }
```


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

```
.border{ border-color:rgb(148, 59, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 59, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 59, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 59, 79);  
box-shadow:4px 4px 4px 4px rgb(148, 59,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1880, 9.9883, 8.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 59, 79) }
```

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

```
.background{ background-color: rgb(148, 59,  
79) }
```

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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