

Converting Colors

XYZ(15.0765, 8.0893, 8.2349)

Have a look what the booklet for
XYZ(15.0765, 8.0893, 8.2349)
contains.

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Color

**XYZ(15.0643, 8.0878,
8.1643)**

Conversions

Conversions Part 1

Format	Color
Hex	9A184F
RGB	154, 24, 79
RGB Percent	60%, 9%, 31%
CMY	0.3961, 0.9058, 0.6902
CMYK	0.00, 0.84, 0.49, 0.40
HSL	335°, 73%, 35%
HSV	335°, 84%, 60%
XYZ	15.0643, 8.0878, 8.1643
YIQ	69.1400, 59.8250, 44.6650

Conversions

Conversions Part 2

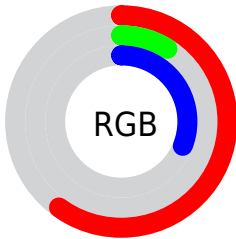
Format	Color
RYB	154, 24, 79
Decimal	10098767
CIELab	34.17, 54.36, 2.15
CIElCh	34, 54.401, 2.270
Yxy	8.0878, 0.4810, 0.2583
Android (android.graphics.Color)	4288288847 (0xFF9A184F)
YUV	69.1400, 4.8610, 74.4222
Hunter-Lab	28.4391, 44.7839, 2.8863

Details

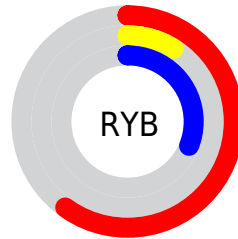
The XYZ color **15.0643, 8.0878, 8.1643** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.1852, 24.2064, 15.7319**, and the grayscale version is **5.6659, 5.9610, 6.4915**.

A 20% lighter version of the original color is **34.5854, 22.2016, 22.8846**, and **5.2331, 2.6627, 1.8283** is the 20% darker color. If you saturate the color by 10%, you get **14.5289, 7.5006, 6.4954**, and if you desaturate by 10%, it is **15.8222, 9.0509, 10.1208**.

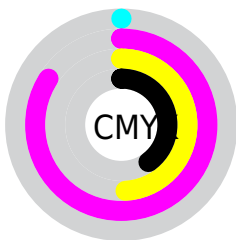
Distribution



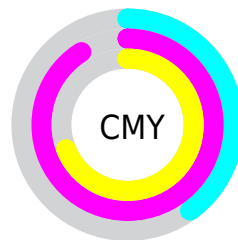
- Red (60%)
- Green (9%)
- Blue (31%)



- Red (60%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (84%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0643, 8.0878, 8.1643 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 15.0643, 8.0878, 8.1643 by changing the saturation by 10% instead.


 15.0643, 8.0878,
8.1643


 15.0643, 8.0878,
8.1643


217.1357,
176.4190, 186.9975


 8.9511, 4.1512,
4.1110


 34.5367, 22.1304,
22.8314


 4.7662, 1.7585,
1.6864

 48.6266, 33.0051,
34.2822


 2.1441, 0.4611,
0.3514

 66.1061, 46.9614,
49.0360

 0.7130, 0.0000,
0.0000

 87.3407, 64.3836,
67.5112

 0.0000, 0.0000,
0.0000

 112.6955, 85.6560,
90.1264

 142.5361,

111.1631, 117.3002

177.2277,
141.2894, 149.4511

■ 15.0643, 8.0878,
8.1643

■ 15.0643, 8.0878,
8.1643

■ 14.5289, 7.5006,
6.4954

■ 15.8222, 9.0509,
10.1208

■ 14.2847, 7.2533,
5.6704

■ 16.8306, 10.4433,
12.3821

■ 18.1135, 12.3104,
14.9636

■ 19.6914, 14.6911,
17.8796

■ 21.5831, 17.6205,
21.1429

■ 23.8056, 21.1305,
24.7660

■ 26.3746, 25.2505,
28.7603

■ 29.3047, 30.0081,
33.1369

■ 32.6100, 35.4288,
37.9063

Harmonies

Analogous

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



14.0515, 8.0878, 19.0216



15.0643, 8.0878, 8.1643



13.7107, 8.0878, 2.5802

Triad

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



15.0643, 8.0878, 8.1643



4.9869, 8.0878, 0.9024



5.2912, 8.0878, 33.2228

Complementary

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



15.0643, 8.0878, 8.1643



14.1852, 24.2064, 15.7319

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.



3.7510, 8.0878, 20.9909



15.0643, 8.0878, 8.1643



3.6103, 8.0878, 3.1165

Square

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



15.0643, 8.0878, 8.1643



7.4597, 8.0878, 0.3179



3.2250, 8.0878, 9.4810



7.9193, 8.0878, 38.0310

Rectangle

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



15.0643, 8.0878, 8.1643



11.8124, 8.0878, 1.1177



3.2250, 8.0878, 9.4810



4.6553, 8.0878, 29.5702

Sweetspot

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



15.0645, 8.0883, 8.1644



42.7734, 37.6350, 44.2374



11.1612, 5.5653, 31.0576



9.3720, 8.0278, 9.5140



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.0645, 8.0883, 8.1644



25.8570, 13.1393, 9.8133



14.0263, 8.0059, 1.6708



6.3118, 6.2639, 7.0220



11.6554, 5.9164, 4.7103



0.1919, 0.0955, 0.1632

Inverse Universe

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



15.0645, 8.0883, 8.1644



25.8570, 13.1393, 9.8133



16.3861, 22.8803, 34.1243



6.3118, 6.2639, 7.0220



11.6554, 5.9164, 4.7103



0.1919, 0.0955, 0.1632

Previews

White Background



This preview shows how the XYZ color 15.0643, 8.0878, 8.1643 looks on a white background.

Color Contrast Check

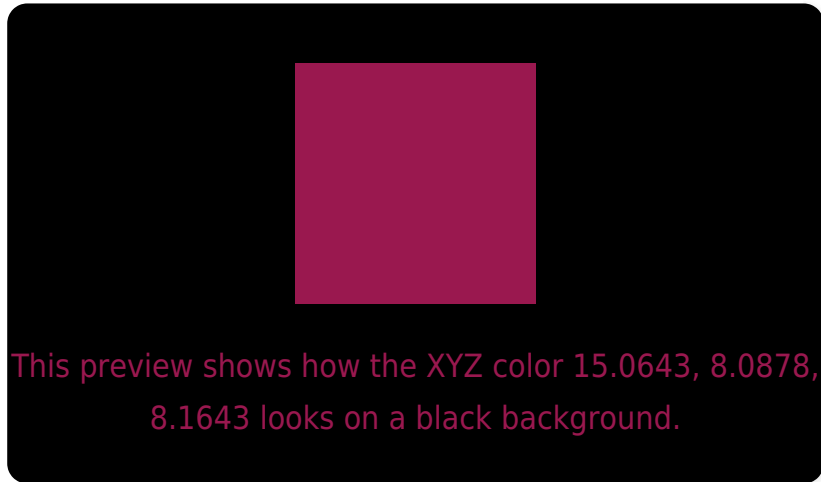
Large Text (above 18pt) WCAG AA ✓ Pass

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

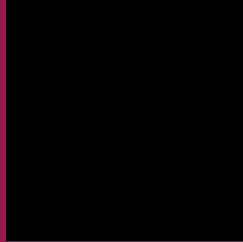
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0643, 8.0878, 8.1643

Background



This preview shows how black text looks on a background with the XYZ color 15.0643, 8.0878, 8.1643.



This preview shows how white text looks on a background with the XYZ color 15.0643, 8.0878,

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

15.0643, 8.0878, 8.1643

Protanopia

8.5809, 8.4665, 15.9338

Deuteranopia

8.5128, 8.4002, 7.4761



Tritanopia

13.9603, 8.1385, 2.6688

Trichromacy



Original Color

15.0643, 8.0878, 8.1643

Protanomaly

9.4615, 7.0161, 12.6600

Deuteranomaly

9.9042, 7.2808, 7.5399

Tritanomaly

14.2960, 8.0624, 4.1709

Monochromacy



Original Color

15.0643, 8.0878, 8.1643

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.7312, 5.7366, 7.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0643, 8.0878, 8.1643 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(154, 24, 79)` looks like.

```
.text, #text, p{  
    color:rgb(154, 24, 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(154, 24, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 24, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.0643, 8.0878, 8.1643 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(154, 24, 79) }
```


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

```
.border{ border-color:rgb(154, 24, 79) }
```

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

Here you see how a box with a 4 pixel rgb(154, 24, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 24, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 24, 79);  
box-shadow:4px 4px 4px 4px rgb(154, 24,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0643, 8.0878, 8.1643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 24, 79) }
```

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

```
.background{ background-color: rgb(154, 24,  
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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