

Converting Colors

XYZ(15.1594, 10.1081, 18.3042)

Have a look what the booklet for
XYZ(15.1594, 10.1081, 18.3042)
contains.

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Color

**XYZ(15.2009, 10.0973,
18.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	883F76
RGB	136, 63, 118
RGB Percent	53%, 25%, 46%
CMY	0.4667, 0.7529, 0.5373
CMYK	0.00, 0.54, 0.13, 0.47
HSL	315°, 37%, 39%
HSV	315°, 54%, 53%
XYZ	15.2009, 10.0973, 18.2873
YIQ	91.0970, 25.8530, 32.5810

Conversions

Conversions Part 2

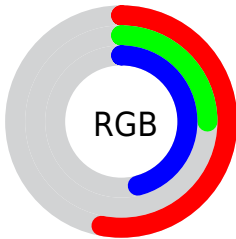
Format	Color
RYB	136, 63, 118
Decimal	8929142
CIELab	38.02, 38.57, -17.21
CIElCh	38, 42.240, 335.949
Yxy	10.0973, 0.3488, 0.2317
Android (android.graphics.Color)	4287119222 (0xFF883F76)
YUV	91.0970, 13.2632, 39.3799
Hunter-Lab	31.7762, 29.7811, -11.8781

Details

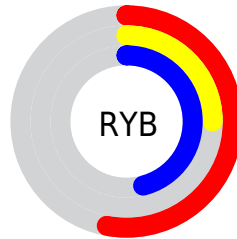
The XYZ color **15.2009, 10.0973, 18.2873** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.3398, 19.2596, 10.8526**, and the grayscale version is **9.9330, 10.4503, 11.3804**.

A 20% lighter version of the original color is **34.7589, 26.0133, 41.2193**, and **4.8389, 2.5316, 5.8638** is the 20% darker color. If you saturate the color by 10%, you get **14.3430, 8.6946, 17.0355**, and if you desaturate by 10%, it is **16.2527, 11.8760, 19.6389**.

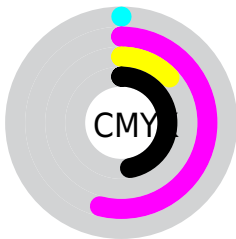
Distribution



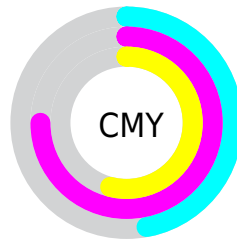
- Red (53%)
- Green (25%)
- Blue (46%)



- Red (53%)
- Yellow (25%)
- Blue (46%)



- Cyan (0%)
- Magenta (54%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2009, 10.0973, 18.2873 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 15.2009, 10.0973, 18.2873 by changing the saturation by 10% instead.

15.2009, 10.0973,
18.2873

15.2009, 10.0973,
18.2873

217.9434,
191.3651, 254.7757

9.0477, 5.4635,
10.9849

34.7740, 25.9784,
41.3468

4.8297, 2.5217,
5.9426

48.9247, 37.9944,
57.9410

2.1814, 0.8875,
2.7420

66.4718, 53.2400,
78.4695

0.7329, 0.0000,
0.9645

87.7809, 72.0996,
103.3508

0.0000, 0.0000,
0.0000

113.2173, 94.9575,
133.0036

143.1462,

122.1981, 167.8463

177.9331,
154.2058, 208.2975

■ 15.2009, 10.0973,
18.2873

■ 15.2009, 10.0973,
18.2873

■ 14.3430, 8.6946,
17.0355

■ 16.2527, 11.8760,
19.6389

■ 13.6638, 7.6384,
15.8778

■ 17.5099, 14.0543,
21.0941

■ 13.1478, 6.8974,
14.8088

■ 18.9844, 16.6557,
22.6575

■ 12.7754, 6.4325,
13.8214

■ 20.6869, 19.7013,
24.3329

■ 12.5748, 6.2028,
13.2258

■ 22.6273, 23.2109,
26.1239

■ 24.8148, 27.2030,
28.0340

■ 27.2585, 31.6952,
30.0665

■ 29.9665, 36.7041,
32.2245

■ 32.9470, 42.2457,
34.5109

Harmonies

Analogous

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



13.0018, 10.0973, 28.0950



15.2009, 10.0973, 18.2873



15.7862, 10.0973, 9.5156

Triad

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



15.2009, 10.0973, 18.2873



9.0659, 10.0973, 1.8182



5.9593, 10.0973, 22.3221

Complementary

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



15.2009, 10.0973, 18.2873



12.3398, 19.2596, 10.8526

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.



5.2830, 10.0973, 12.6186



15.2009, 10.0973, 18.2873



6.8457, 10.0973, 2.7863

Square

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



15.2009, 10.0973, 18.2873



11.8872, 10.0973, 2.2104



5.5739, 10.0973, 5.9551



7.6219, 10.0973, 31.0937

Rectangle

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



15.2009, 10.0973, 18.2873



15.1018, 10.0973, 5.6617



5.5739, 10.0973, 5.9551



5.6249, 10.0973, 18.9249

Sweetspot

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



15.2012, 10.0978, 18.2875



35.6136, 33.2056, 42.0723



9.5331, 7.0401, 24.1493



8.1226, 7.4658, 9.6215



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.2012, 10.0978, 18.2875



25.0494, 14.9612, 29.6600



13.4721, 9.4061, 9.1822



5.1820, 5.1083, 6.0470



11.9053, 5.8722, 12.5377



0.0849, 0.0413, 0.1138

Inverse Universe

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



15.2012, 10.0978, 18.2875



25.0494, 14.9612, 29.6600



14.0380, 19.9389, 19.7953



5.1820, 5.1083, 6.0470



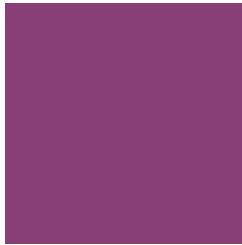
11.9053, 5.8722, 12.5377



0.0849, 0.0413, 0.1138

Previews

White Background



This preview shows how the XYZ color 15.2009, 10.0973, 18.2873 looks on a white background.

Color Contrast Check

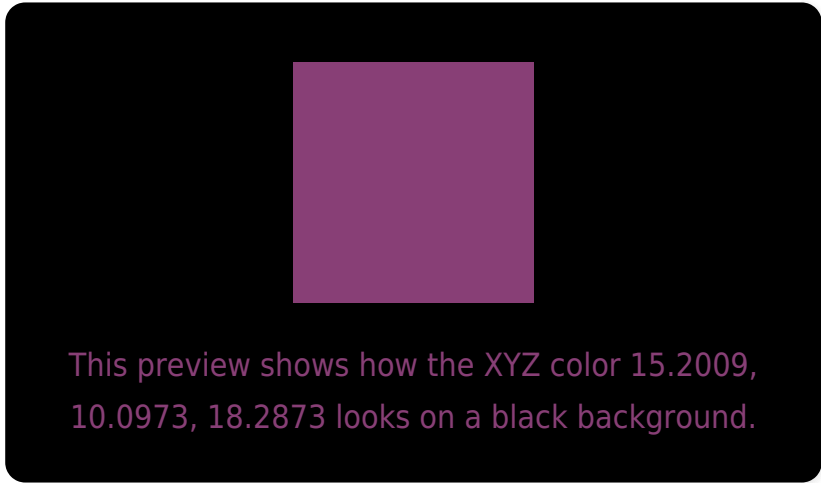
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2009, 10.0973, 18.2873

Background



This preview shows how black text looks on a background with the XYZ color 15.2009, 10.0973, 18.2873.



This preview shows how white text looks on a background with the XYZ color 15.2009, 10.0973,

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

15.2009, 10.0973, 18.2873

Protanopia

10.9075, 10.3962, 25.4765

Deuteranopia

10.4575, 10.2206, 17.3412



Tritanopia

13.2082, 10.0903, 8.4592

Trichromacy



Original Color

15.2009, 10.0973, 18.2873

Protanomaly

11.7893, 9.8628, 22.7551

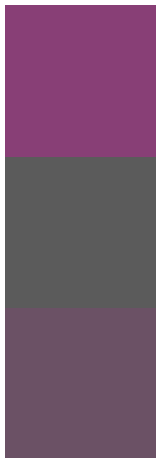
Deuteranomaly

11.7162, 9.8330, 17.5001

Tritanomaly

13.7768, 10.0331, 11.5664

Monochromacy



Original Color

15.2009, 10.0973, 18.2873

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.3548, 9.9502, 13.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2009, 10.0973, 18.2873 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(136, 63, 118)` looks like.

```
.text, #text, p{  
    color:rgb(136, 63, 118)  
}
```

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(136, 63, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 63, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.2009, 10.0973, 18.2873 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(136, 63, 118) }
```


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

```
.border{ border-color:rgb(136, 63, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 63, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 63, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 63, 118);  
box-shadow:4px 4px 4px 4px rgb(136, 63,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2009, 10.0973, 18.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 63, 118) }
```

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

```
.background{ background-color: rgb(136, 63,  
118) }
```

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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