

Converting Colors

XYZ(15.9407, 8.8356, 10.7913)

Have a look what the booklet for
XYZ(15.9407, 8.8356, 10.7913)
contains.

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Color

**XYZ(15.9779, 8.8679,
10.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	9B225B
RGB	155, 34, 91
RGB Percent	61%, 13%, 36%
CMY	0.3922, 0.8666, 0.6431
CMYK	0.00, 0.78, 0.41, 0.39
HSL	332°, 64%, 37%
HSV	332°, 78%, 61%
XYZ	15.9779, 8.8679, 10.7671
YIQ	76.6770, 53.8190, 43.3790

Conversions

Conversions Part 2

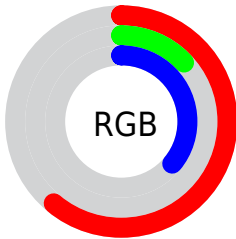
Format	Color
RYB	155, 34, 91
Decimal	10166875
CIELab	35.73, 52.98, -3.30
CIELCh	36, 53.084, 356.437
Yxy	8.8679, 0.4487, 0.2490
Android (android.graphics.Color)	4288356955 (0xFF9B225B)
YUV	76.6770, 7.0612, 68.6893
Hunter-Lab	29.7790, 43.6607, -0.5920

Details

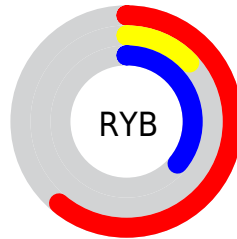
The XYZ color **15.9779, 8.8679, 10.7671** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.5862, 24.6649, 15.5491**, and the grayscale version is **6.9751, 7.3384, 7.9915**.

A 20% lighter version of the original color is **35.9894, 23.5514, 27.8483**, and **5.6387, 2.8499, 2.8377** is the 20% darker color. If you saturate the color by 10%, you get **15.2959, 8.0393, 8.8891**, and if you desaturate by 10%, it is **16.8989, 10.1126, 12.9156**.

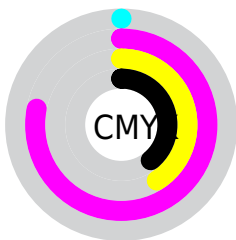
Distribution



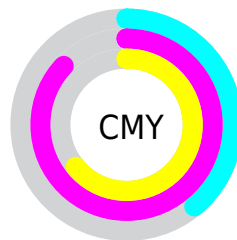
- Red (61%)
- Green (13%)
- Blue (36%)



- Red (61%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (78%)
- Yellow (41%)
- Black (39%)




- Cyan (39%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9779, 8.8679, 10.7671 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 15.9779, 8.8679, 10.7671 by changing the saturation by 10% instead.


 15.9779, 8.8679,
10.7671


 15.9779, 8.8679,
10.7671


222.4842,
182.3893, 206.7424


 9.5993, 4.6551,
5.7983


 36.1176, 23.6431,
27.8587


 5.1943, 2.0464,
2.6560

 50.6094, 34.9744,
40.8186


 2.3976, 0.6342,
0.9212

 68.5362, 49.4472,
57.2792

 0.8439, 0.0000,
0.0000

 90.2635, 67.4461,
77.6591

 0.0000, 0.0000,
0.0000

 116.1566, 89.3553,
102.3768

 146.5808,

115.5593, 131.8509

181.9016,
146.4425, 166.4999

■ 15.9779, 8.8679,
10.7671

■ 15.9779, 8.8679,
10.7671

■ 15.2959, 8.0393,
8.8891

■ 16.8989, 10.1126,
12.9156

■ 14.8066, 7.5364,
7.2598

■ 18.0831, 11.8200,
15.3484

■ 14.7205, 7.4497,
6.9675

■ 19.5525, 14.0321,
18.0782

■ 21.3263, 16.7858,
21.1171

■ 23.4220, 20.1144,
24.4758

■ 25.8558, 24.0485,
28.1648

■ 28.6427, 28.6166,
32.1939

■ 31.7967, 33.8453,
36.5724

■ 35.3311, 39.7598,
41.3093

Harmonies

Analogous

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



14.5061, 8.8679, 22.6677



15.9779, 8.8679, 10.7671



15.0500, 8.8679, 3.8340

Triad

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



15.9779, 8.8679, 10.7671



6.0225, 8.8679, 0.9837



5.5193, 8.8679, 32.3256

Complementary

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



15.9779, 8.8679, 10.7671



14.5862, 24.6649, 15.5491

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.



4.1057, 8.8679, 19.5454



15.9779, 8.8679, 10.7671



4.3416, 8.8679, 2.9164

Square

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



15.9779, 8.8679, 10.7671



8.8083, 8.8679, 0.6026



3.7349, 8.8679, 8.6234



8.0601, 8.8679, 39.1096

Rectangle

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



15.9779, 8.8679, 10.7671



13.2953, 8.8679, 1.7760



3.7349, 8.8679, 8.6234



4.9234, 8.8679, 28.3117

Sweetspot

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



15.9781, 8.8684, 10.7672



43.8793, 39.1335, 46.8053



11.3674, 6.0262, 31.5743



9.6070, 8.3343, 10.0963



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.



15.9781, 8.8684, 10.7672



26.7041, 13.6902, 13.6203



14.4380, 8.3473, 2.3642



6.3238, 6.2687, 7.0854



11.8426, 5.9913, 5.6964



0.1952, 0.0968, 0.1809

Inverse Universe

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



15.9781, 8.8684, 10.7672



26.7041, 13.6902, 13.6203



17.9648, 25.4838, 34.9823



6.3238, 6.2687, 7.0854



11.8426, 5.9913, 5.6964



0.1952, 0.0968, 0.1809

Previews

White Background



This preview shows how the XYZ color 15.9779, 8.8679, 10.7671 looks on a white background.

Color Contrast Check

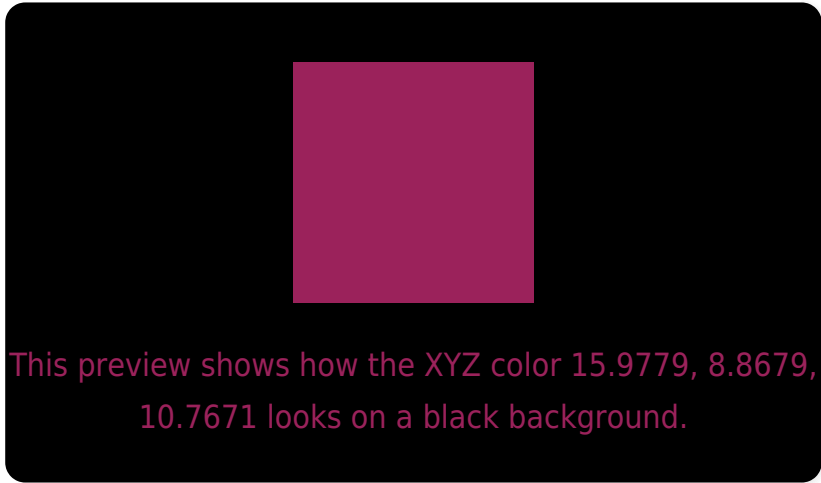
Large Text (above 18pt) WCAG AA ✓ Pass

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

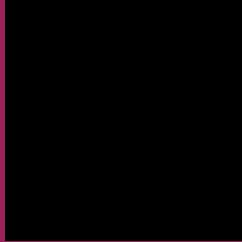
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9779, 8.8679, 10.7671

Background



This preview shows how black text looks on a background with the XYZ color 15.9779, 8.8679, 10.7671.



This preview shows how white text looks on a background with the XYZ color 15.9779, 8.8679,

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

15.9779, 8.8679, 10.7671

Protanopia

9.4308, 9.1623, 19.6838

Deuteranopia

9.3490, 9.2221, 9.8816



Tritanopia

14.4803, 8.8511, 3.8510

Trichromacy



Original Color

15.9779, 8.8679, 10.7671

Protanomaly

10.4110, 7.9277, 16.0204

Deuteranomaly

10.8131, 8.1817, 10.0261

Tritanomaly

14.8902, 8.7984, 5.7639

Monochromacy



Original Color

15.9779, 8.8679, 10.7671

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

9.0174, 6.9499, 8.8488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9779, 8.8679, 10.7671 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(155, 34, 91)` looks like.

```
.text, #text, p{  
    color:rgb(155, 34, 91)  
}
```

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(155, 34, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 34, 91) }
```

Border

The CSS property to change the border of an element to XYZ 15.9779, 8.8679, 10.7671 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(155, 34, 91) }
```


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

```
.border{ border-color:rgb(155, 34, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 34, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 34, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 34, 91);  
box-shadow:4px 4px 4px 4px rgb(155, 34,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9779, 8.8679, 10.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 34, 91) }
```

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

```
.background{ background-color: rgb(155, 34,  
91) }
```

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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