

Converting Colors

XYZ(15.0745, 7.7305, 13.8637)

Have a look what the booklet for
XYZ(15.0745, 7.7305, 13.8637)
contains.

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Color

**XYZ(15.0639, 7.7307,
13.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	950F68
RGB	149, 15, 104
RGB Percent	58%, 6%, 41%
CMY	0.4157, 0.9411, 0.5922
CMYK	0.00, 0.90, 0.30, 0.42
HSL	320°, 82%, 32%
HSV	320°, 90%, 58%
XYZ	15.0639, 7.7307, 13.7949
YIQ	65.2120, 51.2950, 56.0870

Conversions

Conversions Part 2

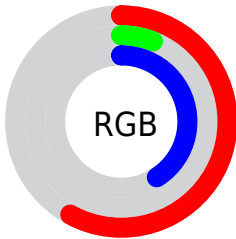
Format	Color
RYB	149, 15, 104
Decimal	9768808
CIELab	33.42, 57.59, -15.25
CIElCh	33, 59.571, 345.167
Yxy	7.7307, 0.4117, 0.2113
Android (android.graphics.Color)	4287958888 (0xFF950F68)
YUV	65.2120, 19.1225, 73.4821
Hunter-Lab	27.8041, 48.0516, -9.9536

Details

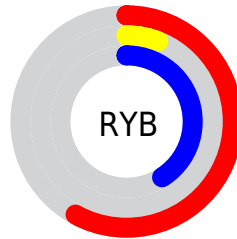
The XYZ color **15.0639, 7.7307, 13.7949** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.7607, 21.9229, 7.8888**, and the grayscale version is **5.0243, 5.2860, 5.7564**.

A 20% lighter version of the original color is **34.5172, 21.3693, 33.3158**, and **5.2527, 2.6226, 4.1003** is the 20% darker color. If you saturate the color by 10%, you get **14.6476, 7.2928, 12.4390**, and if you desaturate by 10%, it is **15.6171, 8.4181, 15.2710**.

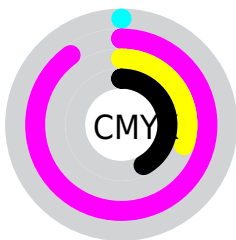
Distribution



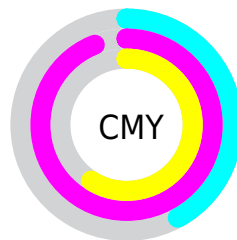
- Red (58%)
- Green (6%)
- Blue (41%)



- Red (58%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0639, 7.7307, 13.7949 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 15.0639, 7.7307, 13.7949 by changing the saturation by 10% instead.

15.0639, 7.7307,
13.7949

15.0639, 7.7307,
13.7949

217.1334,
173.6042, 227.3350

8.9509, 3.9231,
7.8410

34.5360, 21.4288,
33.4365

4.7660, 1.6306,
3.9071

48.6257, 32.0881,
47.9614

2.1440, 0.3781,
1.5745

66.1051, 45.8001,
66.1803

0.7130, 0.0000,
0.2725

87.3394, 62.9492,
88.5119

0.0000, 0.0000,
0.0000

112.6940, 83.9197,
115.3746

142.5343,

109.0962, 147.1870

177.2257,
138.8629, 184.3676

15.0639, 7.7307,
13.7949

15.0639, 7.7307,
13.7949

14.6476, 7.2928,
12.4390

15.6171, 8.4181,
15.2710

14.6445, 7.2896,
12.4288

16.3635, 9.4674,
16.8871

17.3260, 10.9238,
18.6522

18.5237, 12.8254,
20.5738

19.9737, 15.2060,
22.6587

■ 21.6915, 18.0960,
24.9133

■ 23.6913, 21.5234,
27.3434

■ 25.9860, 25.5141,
29.9545

■ 28.5881, 30.0922,
32.7516

Harmonies

Analogous

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



12.6443, 7.7307, 28.0111



15.0639, 7.7307, 13.7949



15.0489, 7.7307, 4.5915

Triad

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



15.0639, 7.7307, 13.7949



5.8500, 7.7307, 0.0082



3.8019, 7.7307, 28.1735

Complementary

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



15.0639, 7.7307, 13.7949



11.7607, 21.9229, 7.8888

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.



2.8591, 7.7307, 13.9335



15.0639, 7.7307, 13.7949



3.7856, 7.7307, 1.0972

Square

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



15.0639, 7.7307, 13.7949



9.0418, 7.7307, 0.0019



2.8542, 7.7307, 4.6581



5.8798, 7.7307, 39.6208

Rectangle

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



15.0639, 7.7307, 13.7949



13.6277, 7.7307, 1.7936



2.8542, 7.7307, 4.6581



3.3724, 7.7307, 23.2318

Sweetspot

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



15.0641, 7.7311, 13.7950



39.6506, 33.7763, 45.6212



7.4399, 3.4627, 28.7099



8.5604, 7.0995, 9.8262



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.



15.0641, 7.7311, 13.7950



26.1401, 13.0202, 21.8036



12.9048, 6.8674, 2.4243



5.9534, 5.8764, 6.8605



12.3396, 6.1409, 10.5351



0.1648, 0.0807, 0.2014

Inverse Universe

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



15.0641, 7.7311, 13.7950



26.1401, 13.0202, 21.8036



14.7539, 23.1202, 23.6509



5.9534, 5.8764, 6.8605



12.3396, 6.1409, 10.5351



0.1648, 0.0807, 0.2014

Previews

White Background



This preview shows how the XYZ color 15.0639, 7.7307, 13.7949 looks on a white background.

Color Contrast Check

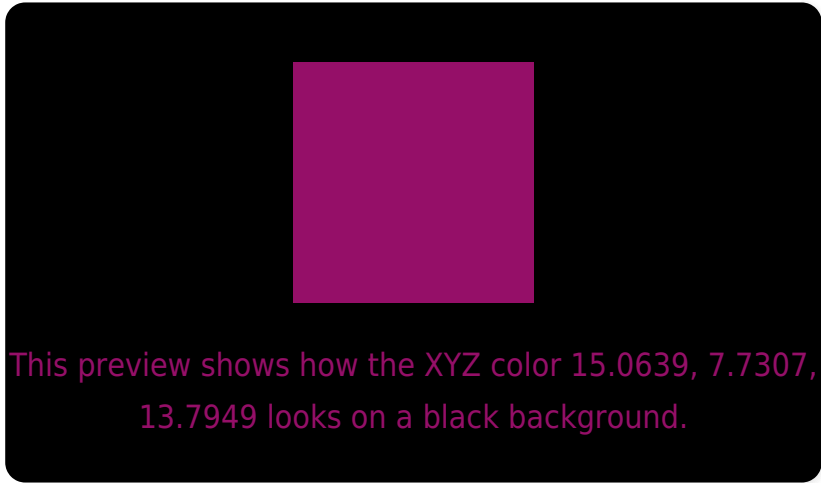
Large Text (above 18pt) WCAG AA ✓ Pass

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

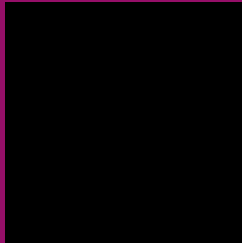
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0639, 7.7307, 13.7949

Background



This preview shows how black text looks on a background with the XYZ color 15.0639, 7.7307, 13.7949.



This preview shows how white text looks on a background with the XYZ color 15.0639, 7.7307,

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

15.0639, 7.7307, 13.7949

Protanopia

9.0850, 8.1284, 28.2842

Deuteranopia

8.2619, 8.1605, 12.4489



Tritanopia

13.0146, 7.9370, 3.3287

Trichromacy



Original Color

15.0639, 7.7307, 13.7949

Protanomaly

9.1191, 6.2559, 22.1996

Deuteranomaly

9.5401, 6.7517, 12.8570

Tritanomaly

13.3813, 7.5921, 5.9144

Monochromacy



Original Color

15.0639, 7.7307, 13.7949

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

7.2517, 5.0843, 7.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0639, 7.7307, 13.7949 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(149, 15, 104)` looks like.

```
.text, #text, p{  
    color:rgb(149, 15, 104)  
}
```

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(149, 15, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 15, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.0639, 7.7307, 13.7949 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(149, 15, 104) }
```


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

```
.border{ border-color:rgb(149, 15, 104) }
```

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

Here you see how a box with a 4 pixel rgb(149, 15, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 15, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 15, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 15,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0639, 7.7307, 13.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 15, 104) }
```

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

```
.background{ background-color: rgb(149, 15,  
104) }
```

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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