

Converting Colors

XYZ(15.3406, 7.5450, 17.1372)

Have a look what the booklet for
XYZ(15.3406, 7.5450, 17.1372)
contains.

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Color

**XYZ(15.3651, 7.5569,
17.1718)**

Conversions

Conversions Part 1

Format	Color
Hex	940074
RGB	148, 0, 116
RGB Percent	58%, 0%, 45%
CMY	0.4196, 0.9999, 0.5451
CMYK	0.00, 1.00, 0.22, 0.42
HSL	313°, 100%, 29%
HSV	313°, 100%, 58%
XYZ	15.3651, 7.5569, 17.1718
YIQ	57.4760, 50.9720, 67.4520

Conversions

Conversions Part 2

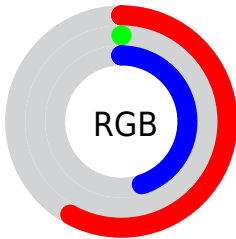
Format	Color
RYB	148, 0, 116
Decimal	9699444
CIELab	33.04, 60.99, -23.50
CIElCh	33, 65.357, 338.927
Yxy	7.5569, 0.3832, 0.1885
Android (android.graphics.Color)	4287889524 (0xFF940074)
YUV	57.4760, 28.8523, 79.3895
Hunter-Lab	27.4898, 51.6632, -17.7932

Details

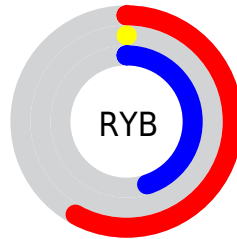
The XYZ color **15.3651, 7.5569, 17.1718** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.8511, 21.2843, 4.9043**, and the grayscale version is **3.9116, 4.1153, 4.4816**.

A 20% lighter version of the original color is **35.1059, 21.1178, 39.2717**, and **5.4268, 2.6806, 5.5416** is the 20% darker color. If you saturate the color by 10%, you get **15.3649, 7.5568, 17.1705**, and if you desaturate by 10%, it is **15.7229, 7.9692, 18.2255**.

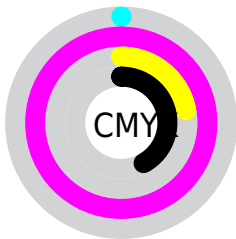
Distribution



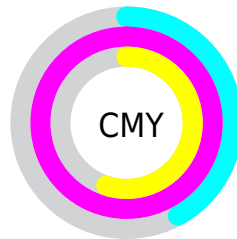
- Red (58%)
- Green (0%)
- Blue (45%)



- Red (58%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3651, 7.5569, 17.1718 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 15.3651, 7.5569, 17.1718 by changing the saturation by 10% instead.


 15.3651, 7.5569,
17.1718


 15.3651, 7.5569,
17.1718


218.9104,
172.2141, 248.2379


 9.1640, 3.8128,
10.1938

 35.0588, 21.0851,
39.4156


 4.9063, 1.5694,
5.4204


 49.2822, 31.6379,
55.5185


 2.2266, 0.3368,
2.4329

 66.9103, 45.2291,
75.5001

 0.7567, 0.0000,
0.8043


 88.3086, 62.2430,
99.7790

 0.0000, 0.0000,
0.0000


 113.8424, 83.0641,
128.7737


 143.8771,

108.0767, 162.9027


 178.7779,
137.6652, 202.5846

 15.3651, 7.5569,
17.1718


 15.3651, 7.5569,
17.1718


 15.3649, 7.5568,
17.1705

 15.7229, 7.9692,
18.2255

 16.2052, 8.6204,
19.3527

 16.8694, 9.6248,
20.5728

 17.7373, 11.0262,
21.8933

 18.8279, 12.8622,
23.3209

■ 20.1576, 15.1658,
24.8614

■ 21.7416, 17.9669,
26.5201

■ 23.5935, 21.2931,
28.3019

■ 25.7262, 25.1696,
30.2112

Harmonies

Analogous

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



12.2344, 7.5569, 33.7856



15.3651, 7.5569, 17.1718



15.9788, 7.5569, 5.6085

Triad

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



15.3651, 7.5569, 17.1718



6.1976, 7.5569, 0.0000



3.1465, 7.5569, 26.9813

Complementary

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



15.3651, 7.5569, 17.1718



10.8511, 21.2843, 4.9043

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.



2.4067, 7.5569, 11.5581



15.3651, 7.5569, 17.1718



3.7572, 7.5569, 0.4282

Square

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



15.3651, 7.5569, 17.1718



9.8542, 7.5569, 0.0000



2.5871, 7.5569, 3.0978



5.0436, 7.5569, 41.9600

Rectangle

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



15.3651, 7.5569, 17.1718



14.7337, 7.5569, 2.0198



2.5871, 7.5569, 3.0978



2.7872, 7.5569, 21.3371

Sweetspot

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



15.3654, 7.5573, 17.1719



38.1774, 31.3728, 46.6080



5.8698, 2.4088, 28.1725



8.4608, 6.7102, 10.3791



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.



15.3654, 7.5573, 17.1719



27.0452, 13.3074, 29.9523



12.6754, 6.4813, 3.0069



5.9822, 5.8879, 7.0123



13.1343, 6.4588, 14.7203



0.1715, 0.0833, 0.2366

Inverse Universe

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



15.3654, 7.5573, 17.1719



27.0452, 13.3074, 29.9523



13.0689, 22.1714, 16.5828



5.9822, 5.8879, 7.0123



13.1343, 6.4588, 14.7203



0.1715, 0.0833, 0.2366

Previews

White Background



This preview shows how the XYZ color 15.3651, 7.5569, 17.1718 looks on a white background.

Color Contrast Check

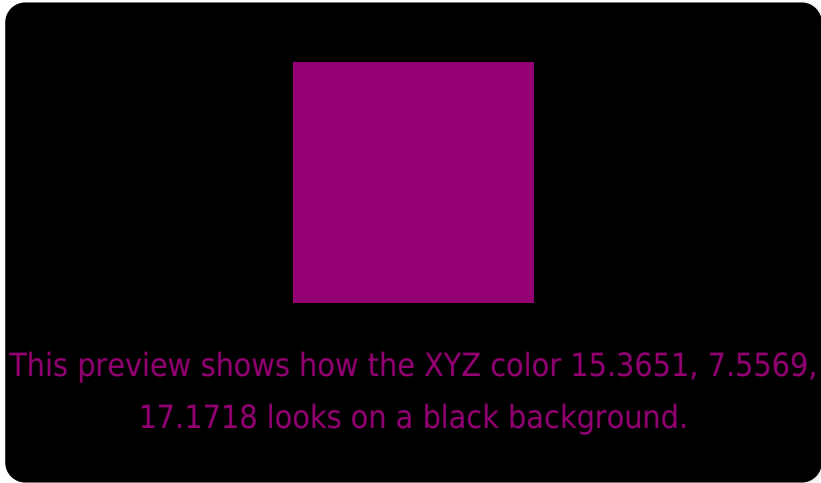
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3651, 7.5569, 17.1718

Background



This preview shows how black text looks on a background with the XYZ color 15.3651, 7.5569, 17.1718.



This preview shows how white text looks on a background with the XYZ color 15.3651, 7.5569,

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

15.3651, 7.5569, 17.1718

Protanopia

9.7129, 8.2669, 36.6811

Deuteranopia

8.3766, 8.2579, 15.6204



Tritanopia

12.8382, 8.0070, 3.6652

Trichromacy



Original Color

15.3651, 7.5569, 17.1718

Protanomaly

8.4570, 5.4445, 28.2089

Deuteranomaly

9.3640, 6.2468, 16.0415

Tritanomaly

13.3190, 7.3795, 7.0257

Monochromacy



Original Color

15.3651, 7.5569, 17.1718

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.2225, 3.9855, 7.6490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3651, 7.5569, 17.1718 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, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 116)  
}
```

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, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.3651, 7.5569, 17.1718 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, 0, 116) }
```


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

```
.border{ border-color:rgb(148, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3651, 7.5569, 17.1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 116) }
```

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

```
.background{ background-color: rgb(148, 0,  
116) }
```

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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