

Converting Colors

XYZ(15.1616, 7.5202, 16.7603)

Have a look what the booklet for
XYZ(15.1616, 7.5202, 16.7603)
contains.

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Color

**XYZ(15.1705, 7.5277,
16.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	930473
RGB	147, 4, 115
RGB Percent	58%, 2%, 45%
CMY	0.4235, 0.9842, 0.5490
CMYK	0.00, 0.97, 0.22, 0.42
HSL	313°, 95%, 30%
HSV	313°, 97%, 58%
XYZ	15.1705, 7.5277, 16.8731
YIQ	59.4110, 49.5970, 64.8370

Conversions

Conversions Part 2

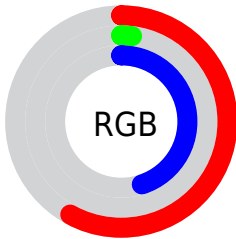
Format	Color
R_YB	147, 4, 115
Decimal	9634931
CIE _{Lab}	32.98, 60.10, -22.98
CIE _{LCh}	33, 64.347, 339.077
Yxy	7.5277, 0.3834, 0.1902
Android (android.graphics.Color)	4287825011 (0xFF930473)
YUV	59.4110, 27.4054, 76.8156
Hunter-Lab	27.4367, 50.6835, -17.2567

Details

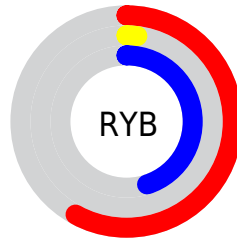
The XYZ color **15.1705, 7.5277, 16.8731** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.8027, 21.0208, 5.1586**, and the grayscale version is **4.1736, 4.3910, 4.7818**.

A 20% lighter version of the original color is **34.8058, 21.0769, 38.7930**, and **5.3275, 2.6294, 5.5369** is the 20% darker color. If you saturate the color by 10%, you get **15.0756, 7.4202, 16.5874**, and if you desaturate by 10%, it is **15.5480, 7.9742, 17.9498**.

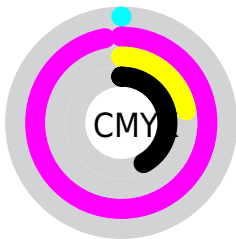
Distribution



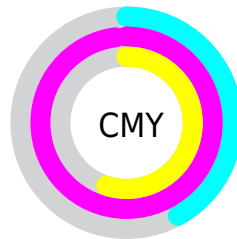
- Red (58%)
- Green (2%)
- Blue (45%)



- Red (58%)
- Yellow (2%)
- Blue (45%)



- Cyan (0%)
- Magenta (97%)
- Yellow (22%)
- Black (42%)





- Cyan (42%)
- Magenta (98%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1705, 7.5277, 16.8731 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 15.1705, 7.5277, 16.8731 by changing the saturation by 10% instead.


 15.1705, 7.5277,
16.8731


 15.1705, 7.5277,
16.8731


217.7639,
171.9792, 246.4592


 9.0262, 3.7943,
9.9831


 34.7212, 21.0272,
38.8951


 4.8155, 1.5591,
5.2823

 48.8584, 31.5620,
54.8642


 2.1731, 0.3298,
2.3522

 66.3905, 45.1328,
74.6966

 0.7285, 0.0000,
0.7602


 87.6831, 62.1239,
98.8111


 0.0000, 0.0000,
0.0000


 113.1013, 82.9196,
127.6260

 143.0106,

107.9045, 161.5600


 177.7763,
137.4629, 201.0315


 15.1705, 7.5277,
16.8731


 15.1705, 7.5277,
16.8731


 15.0756, 7.4202,
16.5874

 15.5480, 7.9742,
17.9498

 16.0751, 8.7089,
19.1100

 16.7878, 9.8041,
20.3661

 17.7069, 11.3008,
21.7253

 18.8503, 13.2347,
23.1940

■ 20.2336, 15.6373,
24.7776

■ 21.8715, 18.5374,
26.4814

■ 23.7770, 21.9614,
28.3099

■ 25.9625, 25.9337,
30.2678

Harmonies

Analogous

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



12.1219, 7.5277, 33.0415



15.1705, 7.5277, 16.8731



15.7546, 7.5277, 5.5815

Triad

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



15.1705, 7.5277, 16.8731



6.1715, 7.5277, 0.0000



3.1830, 7.5277, 26.5886

Complementary

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



15.1705, 7.5277, 16.8731



10.8027, 21.0208, 5.1586

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.



2.4439, 7.5277, 11.5220



15.1705, 7.5277, 16.8731



3.7725, 7.5277, 0.4830

Square

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



15.1705, 7.5277, 16.8731



9.7546, 7.5277, 0.0000



2.6186, 7.5277, 3.1610



5.0636, 7.5277, 41.1085

Rectangle

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



15.1705, 7.5277, 16.8731



14.5308, 7.5277, 2.0464



2.6186, 7.5277, 3.1610



2.8250, 7.5277, 21.0902

Sweetspot

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



15.1708, 7.5281, 16.8732



38.4433, 31.9054, 46.6938



6.0032, 2.5511, 27.7797



8.5120, 6.8157, 10.3865



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.



15.1708, 7.5281, 16.8732



26.9296, 13.2611, 29.3434



12.5409, 6.4761, 3.0245



5.9803, 5.8872, 7.0026



13.0793, 6.4368, 14.4305



0.1711, 0.0832, 0.2344

Inverse Universe

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



15.1708, 7.5281, 16.8732



26.9296, 13.2611, 29.3434



13.1110, 21.9441, 17.3139



5.9803, 5.8872, 7.0026



13.0793, 6.4368, 14.4305



0.1711, 0.0832, 0.2344

Previews

White Background



This preview shows how the XYZ color 15.1705, 7.5277, 16.8731 looks on a white background.

Color Contrast Check

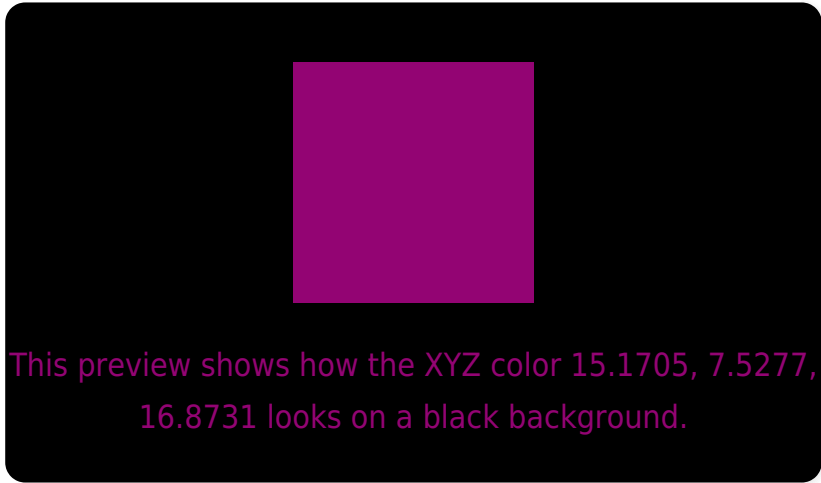
Large Text (above 18pt) WCAG AA ✓ Pass

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

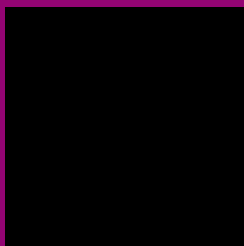
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1705, 7.5277, 16.8731

Background



This preview shows how black text looks on a background with the XYZ color 15.1705, 7.5277, 16.8731.



This preview shows how white text looks on a background with the XYZ color 15.1705, 7.5277,

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

15.1705, 7.5277, 16.8731

Protanopia

9.4784, 8.0623, 35.7069

Deuteranopia

8.2504, 8.0911, 15.3143



Tritanopia

12.6272, 7.8410, 3.6442

Trichromacy



Original Color

15.1705, 7.5277, 16.8731

Protanomaly

8.4433, 5.4465, 27.8004

Deuteranomaly

9.3528, 6.3130, 15.7645

Tritanomaly

13.1356, 7.3257, 6.8526

Monochromacy



Original Color

15.1705, 7.5277, 16.8731

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.4512, 4.2397, 7.8755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1705, 7.5277, 16.8731 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(147, 4, 115)` looks like.

```
.text, #text, p{  
  color:rgb(147, 4, 115)  
}
```

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(147, 4, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 4, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.1705, 7.5277, 16.8731 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(147, 4, 115) }
```


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

```
.border{ border-color:rgb(147, 4, 115) }
```

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

Here you see how a box with a 4 pixel rgb(147, 4, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 4, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 4, 115);  
box-shadow:4px 4px 4px 4px rgb(147, 4,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1705, 7.5277, 16.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 4, 115) }
```

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

```
.background{ background-color: rgb(147, 4,  
115) }
```

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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