

Converting Colors

XYZ(16.3373, 7.8838, 25.0868)

Have a look what the booklet for
XYZ(16.3373, 7.8838, 25.0868)
contains.

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Color

**XYZ(16.3373, 7.8838,
25.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	91008B
RGB	145, 0, 139
RGB Percent	57%, 0%, 55%
CMY	0.4314, 1.0000, 0.4549
CMYK	0.00, 1.00, 0.04, 0.43
HSL	302°, 100%, 28%
HSV	302°, 100%, 57%
XYZ	16.3373, 7.8838, 25.0868
YIQ	59.2010, 41.8010, 73.9690

Conversions

Conversions Part 2

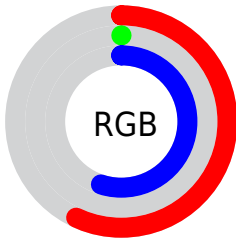
Format	Color
R_YB	145, 0, 139
Decimal	9502859
CIE _{Lab}	33.74, 63.61, -36.85
CIE _{LCh}	34, 73.512, 329.914
Yxy	7.8838, 0.3313, 0.1599
Android (android.graphics.Color)	4287692939 (0xFF91008B)
YUV	59.2010, 39.3409, 75.2457
Hunter-Lab	28.0781, 54.7239, -33.3189

Details

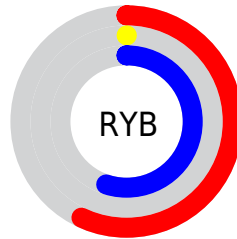
The XYZ color **16.3373, 7.8838, 25.0868** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.1587, 20.2644, 3.5486**, and the grayscale version is **4.1293, 4.3443, 4.7310**.

A 20% lighter version of the original color is **36.6366, 21.7146, 52.7124**, and **5.9779, 2.8782, 9.4730** is the 20% darker color. If you saturate the color by 10%, you get **16.3375, 7.8839, 25.0867**, and if you desaturate by 10%, it is **16.5455, 8.2295, 25.3732**.

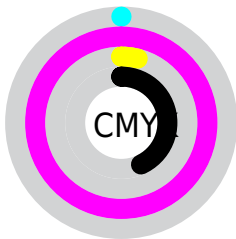
Distribution



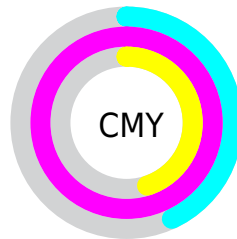
- Red (57%)
- Green (0%)
- Blue (55%)



- Red (57%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3373, 7.8838, 25.0868 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 16.3373, 7.8838, 25.0868 by changing the saturation by 10% instead.


 16.3373, 7.8838,
25.0868


 16.3373, 7.8838,
25.0868


224.5554,
174.8177, 291.7314


 9.8555, 4.0207,
15.9221


 36.7355, 21.7303,
52.7639


 5.3648, 1.6851,
9.3153


 51.3827, 32.4825,
72.1133


 2.4998, 0.4140,
4.8478

 69.4823, 46.2999,
95.6948

 0.8952, 0.0000,
2.1011

 91.3998, 63.5668,
123.9269

 0.0000, 0.0000,
0.6164

 117.5005, 84.6676,
157.2280

 0.0000, 0.0000,
0.0000

 148.1498,

109.9868, 196.0168

 183.7129,
139.9087, 240.7118

 16.3373, 7.8838,
25.0868


 16.3373, 7.8838,
25.0868


 16.3375, 7.8839,
25.0867

 16.5455, 8.2295,
25.3732

 16.8653, 8.7985,
25.6980

 17.3527, 9.7022,
26.0798

 18.0285, 10.9821,
26.5255

 18.9104, 12.6740,
27.0412

■ 20.0141, 14.8092,
27.6321

■ 21.3540, 17.4161,
28.3028

■ 22.9429, 20.5209,
29.0578

■ 24.7929, 24.1475,
29.9010

Harmonies

Analogous

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



12.0321, 7.8838, 45.4560



16.3373, 7.8838, 25.0868



18.1463, 7.8838, 8.6173

Triad

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



16.3373, 7.8838, 25.0868



7.5049, 7.8838, 0.0000



2.6012, 7.8838, 24.9698

Complementary

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



16.3373, 7.8838, 25.0868



10.1587, 20.2644, 3.5486

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.



2.1262, 7.8838, 8.5511



16.3373, 7.8838, 25.0868



4.2692, 7.8838, 0.0000

Square

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



16.3373, 7.8838, 25.0868



12.0595, 7.8838, 0.0000



2.6069, 7.8838, 1.5921



4.2554, 7.8838, 45.3555

Rectangle

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



16.3373, 7.8838, 25.0868



17.3278, 7.8838, 3.0468



2.6069, 7.8838, 1.5921



2.3315, 7.8838, 18.5121

Sweetspot

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



16.3376, 7.8842, 25.0870



38.0763, 30.8678, 50.6049



5.1717, 2.0759, 26.9167



8.2614, 6.4597, 11.1544



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.3376, 7.8842, 25.0870



29.2411, 14.1122, 44.8397



12.7108, 6.4335, 5.9885



5.6168, 5.5072, 6.7458



14.0154, 6.7632, 21.5301



0.1359, 0.0654, 0.2161

Inverse Universe

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



16.3376, 7.8842, 25.0870



29.2411, 14.1122, 44.8397



11.4773, 20.7919, 10.4924



5.6168, 5.5072, 6.7458



14.0154, 6.7632, 21.5301



0.1359, 0.0654, 0.2161

Previews

White Background



This preview shows how the XYZ color 16.3373, 7.8838, 25.0868 looks on a white background.

Color Contrast Check

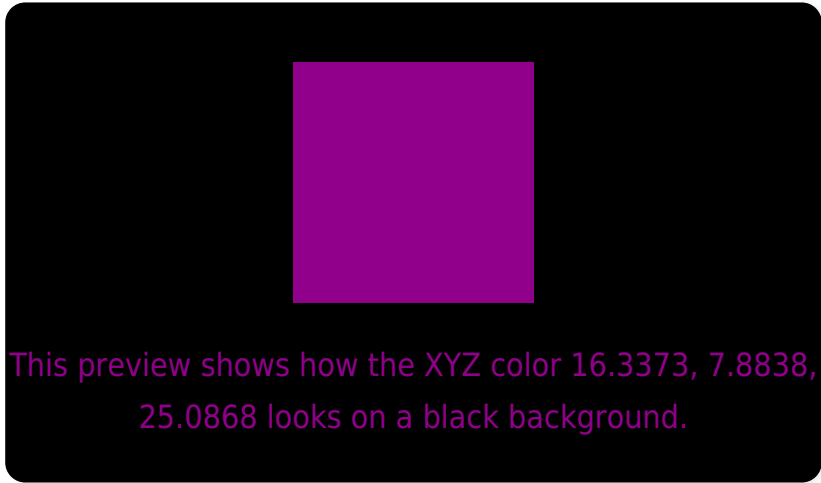
Large Text (above 18pt) WCAG AA ✓ Pass

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

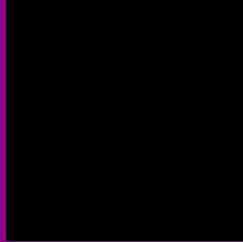
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3373, 7.8838, 25.0868

Background



This preview shows how black text looks on a background with the XYZ color 16.3373, 7.8838, 25.0868.



This preview shows how white text looks on a background with the XYZ color 16.3373, 7.8838,

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

16.3373, 7.8838, 25.0868

Protanopia

9.8639, 8.4191, 38.1510

Deuteranopia

8.6896, 8.4855, 22.6526



Tritanopia

12.4464, 8.3562, 4.9599

Trichromacy



Original Color

16.3373, 7.8838, 25.0868



Protanomaly

8.6946, 5.4724, 32.4963



Deuteranomaly

9.5556, 6.2519, 23.2574



Tritanomaly

13.1365, 7.4656, 9.7655

Monochromacy



Original Color

16.3373, 7.8838, 25.0868



Achromatopsia

4.1570, 4.3735, 4.7627



Achromatomaly

6.6710, 4.2645, 9.7040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3373, 7.8838, 25.0868 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(145, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 139)  
}
```

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(145, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.3373, 7.8838, 25.0868 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(145, 0, 139) }
```


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

```
.border{ border-color:rgb(145, 0, 139) }
```

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

Here you see how a box with a 4 pixel rgb(145, 0, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3373, 7.8838, 25.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 139) }
```

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

```
.background{ background-color: rgb(145, 0,  
139) }
```

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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