

Converting Colors

XYZ(17.4203, 8.8410, 7.1193)

Have a look what the booklet for
XYZ(17.4203, 8.8410, 7.1193)
contains.

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Color

**XYZ(17.3510, 8.8059,
7.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	A80049
RGB	168, 0, 73
RGB Percent	66%, 0%, 29%
CMY	0.3412, 0.9999, 0.7137
CMYK	0.00, 1.00, 0.57, 0.34
HSL	334°, 100%, 33%
HSV	334°, 100%, 66%
XYZ	17.3510, 8.8059, 7.0885
YIQ	58.5540, 76.6950, 58.3190

Conversions

Conversions Part 2

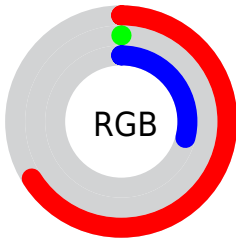
Format	Color
R_YB	168, 0, 73
Decimal	11010121
CIE Lab	35.61, 61.19, 8.52
CIE LCh	36, 61.782, 7.929
Yxy	8.8059, 0.5219, 0.2649
Android (android.graphics.Color)	4289200201 (0xFFA80049)
YUV	58.5540, 7.1219, 95.9841
Hunter-Lab	29.6747, 52.4393, 6.6095

Details

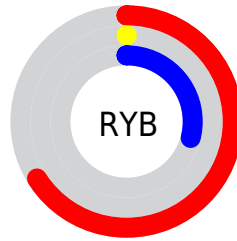
The XYZ color **17.3510, 8.8059, 7.0885** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.0697, 28.8320, 15.5515**, and the grayscale version is **4.0819, 4.2945, 4.6767**.

A 20% lighter version of the original color is **38.4887, 23.4873, 20.5941**, and **6.5410, 3.3449, 1.5292** is the 20% darker color. If you saturate the color by 10%, you get **17.3503, 8.8056, 7.0856**, and if you desaturate by 10%, it is **17.8883, 9.3372, 8.9425**.

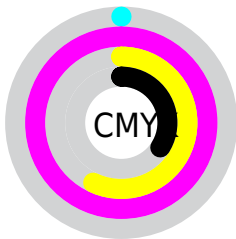
Distribution



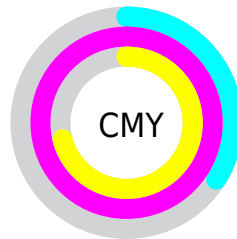
- Red (66%)
- Green (0%)
- Blue (29%)



- Red (66%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (34%)





- Cyan (34%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3510, 8.8059, 7.0885 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 17.3510, 8.8059, 7.0885 by changing the saturation by 10% instead.


 17.3510, 8.8059,
7.0885


 17.3510, 8.8059,
7.0885


230.3041,
181.9232, 178.0558


 10.5819, 4.6148,
3.4382


 38.4671, 23.5238,
20.6669


 5.8517, 2.0231,
1.3225

 53.5448, 34.8195,
31.4322


 2.7949, 0.6208,
0.0801

 72.1228, 49.2521,
45.4061

 1.0462, 0.0000,
0.0000

 94.5664, 67.2060,
63.0073

 0.0000, 0.0000,
0.0000

 121.2410, 89.0657,
84.6544

 152.5119,

115.2155, 110.7658

188.7445,
146.0399, 141.7601

■ 17.3510, 8.8059,
7.0885

■ 17.3510, 8.8059,
7.0885

■ 17.3503, 8.8056,
7.0856

■ 17.8883, 9.3372,
8.9425

■ 18.6417, 10.2205,
11.1162

■ 19.6811, 11.5924,
13.6422

■ 21.0387, 13.5142,
16.5404

■ 22.7420, 16.0384,
19.8285

■ 24.8153, 19.2109,
23.5226

■ 27.2808, 23.0735,
27.6382

■ 30.1587, 27.6641,
32.1893

■ 33.4677, 33.0181,
37.1896

Harmonies

Analogous

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



16.6385, 8.8059, 19.2210



17.3510, 8.8059, 7.0885



15.1635, 8.8059, 1.8057

Triad

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



17.3510, 8.8059, 7.0885



4.7733, 8.8059, 0.8852



6.0133, 8.8059, 42.5607

Complementary

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



17.3510, 8.8059, 7.0885



16.0697, 28.8320, 15.5515

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.



3.9861, 8.8059, 27.8498



17.3510, 8.8059, 7.0885



3.4277, 8.8059, 3.8712

Square

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



17.3510, 8.8059, 7.0885



7.4441, 8.8059, 0.0141



3.1885, 8.8059, 12.6155



9.3691, 8.8059, 46.0914

Rectangle

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



17.3510, 8.8059, 7.0885



12.6455, 8.8059, 0.6320



3.1885, 8.8059, 12.6155



5.1861, 8.8059, 38.4232

Sweetspot

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



17.3512, 8.8064, 7.0886



49.2315, 41.4376, 49.7087



11.5231, 5.1244, 37.4272



10.3217, 8.3884, 10.1616



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.3512, 8.8064, 7.0886



31.3816, 15.9378, 12.3132



16.2399, 8.5078, 0.7871



7.6614, 7.5944, 8.5340



13.1273, 6.6596, 5.4817



0.3453, 0.1724, 0.2696

Inverse Universe

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



17.3512, 8.8064, 7.0886



31.3816, 15.9378, 12.3132



19.5699, 27.8307, 41.3859



7.6614, 7.5944, 8.5340



13.1273, 6.6596, 5.4817



0.3453, 0.1724, 0.2696

Previews

White Background



This preview shows how the XYZ color 17.3510, 8.8059, 7.0885 looks on a white background.

Color Contrast Check

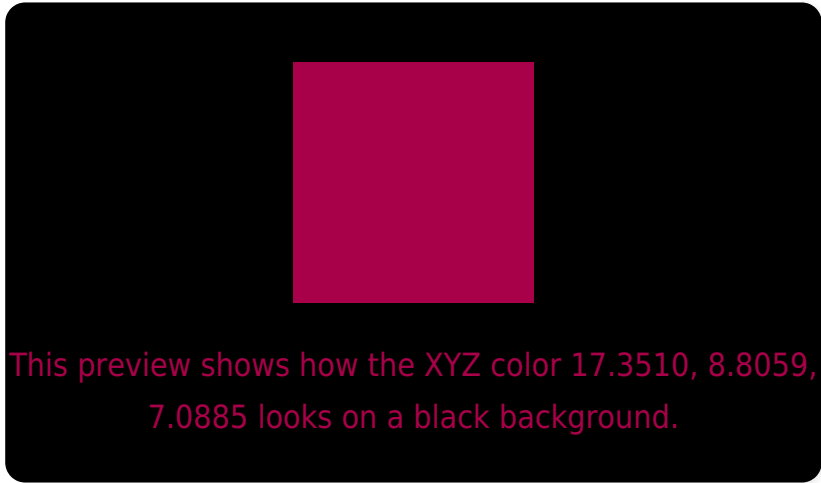
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3510, 8.8059, 7.0885

Background



This preview shows how black text looks on a background with the XYZ color 17.3510, 8.8059, 7.0885.



This preview shows how white text looks on a background with the XYZ color 17.3510, 8.8059,

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

17.3510, 8.8059, 7.0885

Protanopia

9.4090, 9.4900, 14.9715

Deuteranopia

9.5561, 9.4046, 6.4659



Tritanopia

16.3749, 9.0696, 1.9862

Trichromacy



Original Color

17.3510, 8.8059, 7.0885

Protanomaly

10.1966, 7.0512, 11.4133

Deuteranomaly

10.9515, 7.4115, 6.4836

Tritanomaly

16.6073, 8.8300, 3.2119

Monochromacy



Original Color

17.3510, 8.8059, 7.0885

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.7641, 4.4090, 5.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3510, 8.8059, 7.0885 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(168, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 73)  
}
```

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(168, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 73) }
```

Border

The CSS property to change the border of an element to XYZ 17.3510, 8.8059, 7.0885 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(168, 0, 73) }
```


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

```
.border{ border-color:rgb(168, 0, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 0, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3510, 8.8059, 7.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 73) }
```

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

```
.background{ background-color: rgb(168, 0,  
73) }
```

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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