

Converting Colors

XYZ(17.4295, 8.9731, 1.3746)

Have a look what the booklet for
XYZ(17.4295, 8.9731, 1.3746)
contains.

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Color

**XYZ(17.3428, 8.9279,
1.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0012
RGB	173, 0, 18
RGB Percent	68%, 0%, 7%
CMY	0.3216, 0.9999, 0.9294
CMYK	0.00, 1.00, 0.90, 0.32
HSL	354°, 100%, 34%
HSV	354°, 100%, 68%
XYZ	17.3428, 8.9279, 1.3815
YIQ	53.7790, 97.3300, 42.2740

Conversions

Conversions Part 2

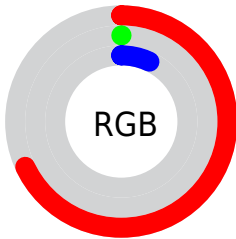
Format	Color
RYB	173, 0, 18
Decimal	11337746
CIELab	35.85, 60.12, 42.74
CIElCh	36, 73.767, 35.408
Yxy	8.9279, 0.6272, 0.3229
Android (android.graphics.Color)	4289527826 (0xFFAD0012)
YUV	53.7790, -17.6390, 104.5568
Hunter-Lab	29.8796, 51.3162, 18.1744

Details

The XYZ color **17.3428, 8.9279, 1.3815** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.8624, 32.2546, 36.1480**, and the grayscale version is **3.4936, 3.6755, 4.0026**.

A 20% lighter version of the original color is **38.5466, 23.8122, 7.2672**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.3425, 8.9278, 1.3804**, and if you desaturate by 10%, it is **17.7207, 9.4080, 2.3581**.

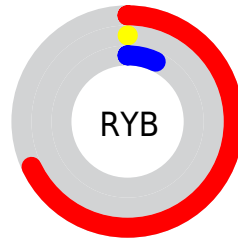
Distribution



Red (68%)

Green (0%)

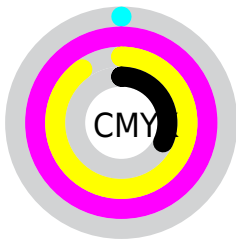
Blue (7%)



Red (68%)

Yellow (0%)

Blue (7%)

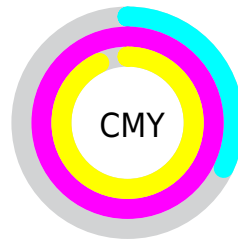


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3428, 8.9279, 1.3815 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 17.3428, 8.9279, 1.3815 by changing the saturation by 10% instead.


 17.3428, 8.9279,
1.3815


 17.3428, 8.9279,
1.3815


 230.2581,
182.8391, 111.8822


 10.5760, 4.6942,
0.1272


 38.4532, 23.7584,
7.2680


 5.8477, 2.0690,
0.0000

 53.5274, 35.1240,
12.9562


 2.7925, 0.6471,
0.0000

 72.1016, 49.6357,
21.0324

 1.0450, 0.0000,
0.0000


 94.5410, 67.6778,
31.9151


 0.0000, 0.0000,
0.0000


 121.2110, 89.6349,
46.0229


 152.4770,

115.8912, 63.7743


 188.7042,
146.8311, 85.5879


 17.3428, 8.9279,
1.3815


 17.3428, 8.9279,
1.3815


 17.3425, 8.9278,
1.3804

 17.7207, 9.4080,
2.3581

 18.3781, 10.2863,
3.9232

 19.3982, 11.7097,
6.1645

 20.8240, 13.7479,
9.1475

 22.6925, 16.4599,
12.9302

■ 25.0366, 19.8982,
17.5645

■ 27.8858, 24.1097,
23.0982

■ 31.2674, 29.1377,
29.5752

■ 35.2068, 35.0220,
37.0369

Harmonies

Analogous

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



19.9021, 8.9279, 7.6245



17.3428, 8.9279, 1.3815



12.4851, 8.9279, 0.0000

Triad

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



17.3428, 8.9279, 1.3815



2.9086, 8.9279, 2.7514



9.3026, 8.9279, 58.7557

Complementary

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



17.3428, 8.9279, 1.3815



20.8624, 32.2546, 36.1480

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.



5.4470, 8.9279, 52.1336



17.3428, 8.9279, 1.3815



2.5679, 8.9279, 12.1703

Square

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



17.3428, 8.9279, 1.3815



4.4886, 8.9279, 0.1173



3.3140, 8.9279, 31.3952



14.3452, 8.9279, 45.4879

Rectangle

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



17.3428, 8.9279, 1.3815



9.1764, 8.9279, 0.0000



3.3140, 8.9279, 31.3952



7.8306, 8.9279, 58.8550

Sweetspot

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



17.3430, 8.9285, 1.3816



49.6427, 42.7354, 40.7899



20.6459, 9.7725, 40.3331



10.3172, 8.5897, 7.9526



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.3430, 8.9285, 1.3816



31.0225, 15.9744, 2.2757



19.2014, 12.8198, 1.4632



8.0378, 8.0284, 8.5099



12.7515, 6.5631, 1.0707



0.3653, 0.1868, 0.0853

Inverse Universe

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



17.3430, 8.9285, 1.3816



31.0225, 15.9744, 2.2757



12.7690, 13.4689, 41.4617



8.0378, 8.0284, 8.5099



12.7515, 6.5631, 1.0707



0.3653, 0.1868, 0.0853

Previews

White Background



This preview shows how the XYZ color 17.3428, 8.9279, 1.3815 looks on a white background.

Color Contrast Check

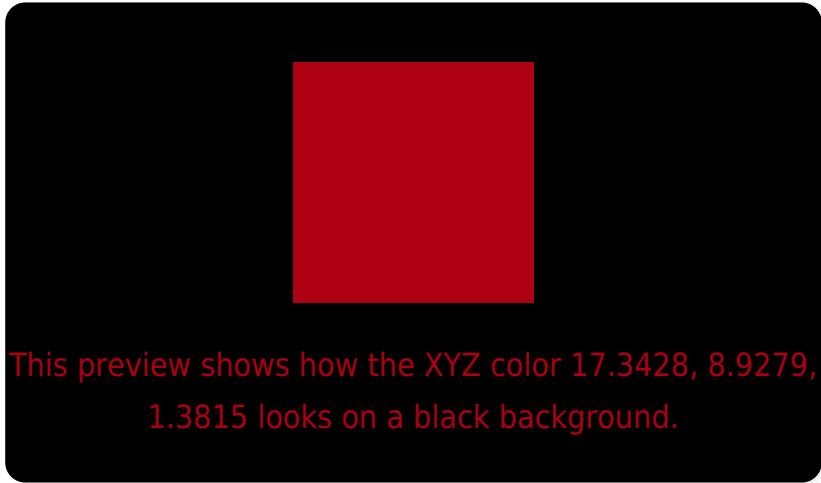
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3428, 8.9279, 1.3815

Background



This preview shows how black text looks on a background with the XYZ color 17.3428, 8.9279, 1.3815.



This preview shows how white text looks on a background with the XYZ color 17.3428, 8.9279,

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

17.3428, 8.9279, 1.3815

Protanopia

8.6940, 9.6306, 2.8395

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

17.1985, 9.1412, 0.8580

Trichromacy



Original Color

17.3428, 8.9279, 1.3815

Protanomaly

10.0812, 7.2722, 1.9709

Deuteranomaly

10.9843, 7.5481, 1.0790

Tritanomaly

17.1601, 9.0031, 1.0343

Monochromacy



Original Color

17.3428, 8.9279, 1.3815

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.9020, 3.8455, 2.5290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3428, 8.9279, 1.3815 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(173, 0, 18)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 18)  
}
```

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(173, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 18) }
```

Border

The CSS property to change the border of an element to XYZ 17.3428, 8.9279, 1.3815 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(173, 0, 18) }
```


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

```
.border{ border-color:rgb(173, 0, 18) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3428, 8.9279, 1.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 18) }
```

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

```
.background{ background-color: rgb(173, 0,  
18) }
```

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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