

Converting Colors

XYZ(16.8574, 7.6279, 1.2589)

Have a look what the booklet for
XYZ(16.8574, 7.6279, 1.2589)
contains.

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Color

**XYZ(17.5818, 9.0492,
1.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	AE0014
RGB	174, 0, 20
RGB Percent	68%, 0%, 8%
CMY	0.3177, 0.9999, 0.9216
CMYK	0.00, 1.00, 0.89, 0.32
HSL	353°, 100%, 34%
HSV	353°, 100%, 68%
XYZ	17.5818, 9.0492, 1.4818
YIQ	54.3060, 97.2840, 43.1080

Conversions

Conversions Part 2

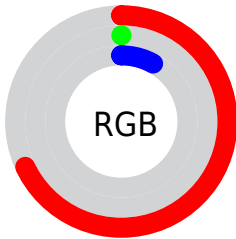
Format	Color
RYB	174, 0, 20
Decimal	11403284
CIELab	36.08, 60.41, 42.04
CIElCh	36, 73.601, 34.834
Yxy	9.0492, 0.6254, 0.3219
Android (android.graphics.Color)	4289593364 (0xFFAE0014)
YUV	54.3060, -16.9129, 104.9716
Hunter-Lab	30.0819, 51.6836, 18.1368

Details

The XYZ color **17.5818, 9.0492, 1.4818** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.9717, 32.6061, 35.7739**, and the grayscale version is **3.5584, 3.7437, 4.0769**.

A 20% lighter version of the original color is **38.9384, 24.0076, 7.5827**, and **6.6821, 3.4447, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **17.5814, 9.0490, 1.4805**, and if you desaturate by 10%, it is **17.9720, 9.5368, 2.5152**.

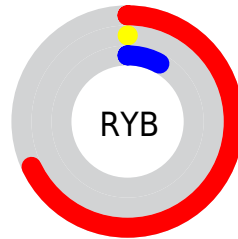
Distribution



Red (68%)

Green (0%)

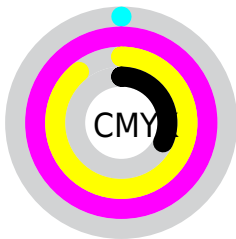
Blue (8%)



Red (68%)

Yellow (0%)

Blue (8%)

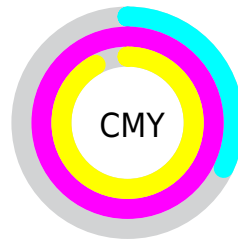


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5818, 9.0492, 1.4818 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 17.5818, 9.0492, 1.4818 by changing the saturation by 10% instead.


 17.5818, 9.0492,
1.4818


 17.5818, 9.0492,
1.4818


 231.5946,
183.7445, 113.7261


 10.7480, 4.7733,
0.2043


 38.8591, 23.9911,
7.5684


 5.9637, 2.1149,
0.0000


 54.0334, 35.4258,
13.3968


 2.8635, 0.6730,
0.0000

 72.7185, 50.0156,
21.6399

 1.0820, 0.0000,
0.0000

 95.2798, 68.1449,
32.7164

 0.0100, 0.0000,
0.0000


 122.0828, 90.1980,
47.0447


 0.0000, 0.0000,
0.0000


 153.4927,


116.5594, 65.0434

 189.8748,
147.6134, 87.1310


 17.5818, 9.0492,
1.4818


 17.5818, 9.0492,
1.4818


 17.5814, 9.0490,
1.4805

 17.9720, 9.5368,
2.5152

 18.6447, 10.4281,
4.1397

 19.6833, 11.8711,
6.4404

 21.1308, 13.9363,
9.4815

 23.0245, 16.6834,
13.3193

■ 25.3971, 20.1655,
18.0049

■ 28.2787, 24.4301,
23.5848

■ 31.6963, 29.5209,
30.1024

■ 35.6756, 35.4782,
37.5982

Harmonies

Analogous

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



20.0853, 9.0492, 7.9491



17.5818, 9.0492, 1.4818



12.7236, 9.0492, 0.0000

Triad

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



17.5818, 9.0492, 1.4818



2.9913, 9.0492, 2.7238



9.3338, 9.0492, 59.0851

Complementary

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



17.5818, 9.0492, 1.4818



20.9717, 32.6061, 35.7739

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.



5.4816, 9.0492, 52.0754



17.5818, 9.0492, 1.4818



2.6251, 9.0492, 12.0391

Square

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



17.5818, 9.0492, 1.4818



4.6171, 9.0492, 0.1253



3.3580, 9.0492, 31.1842



14.3950, 9.0492, 46.1227

Rectangle

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



17.5818, 9.0492, 1.4818



9.3855, 9.0492, 0.0000



3.3580, 9.0492, 31.1842



7.8615, 9.0492, 59.0447

Sweetspot

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



17.5820, 9.0498, 1.4819



50.9832, 43.8508, 42.1811



20.9102, 9.8976, 40.8523



10.8306, 9.0037, 8.4089



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



17.5820, 9.0498, 1.4819



31.8498, 16.3976, 2.4665



19.4461, 12.9797, 1.4813



8.0412, 8.0297, 8.5280



12.7639, 6.5681, 1.1364



0.3666, 0.1873, 0.0925

Inverse Universe

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



17.5820, 9.0498, 1.4819



31.8498, 16.3976, 2.4665



12.9306, 13.6367, 41.9946



8.0412, 8.0297, 8.5280



12.7639, 6.5681, 1.1364



0.3666, 0.1873, 0.0925

Previews

White Background



This preview shows how the XYZ color 17.5818, 9.0492, 1.4818 looks on a white background.

Color Contrast Check

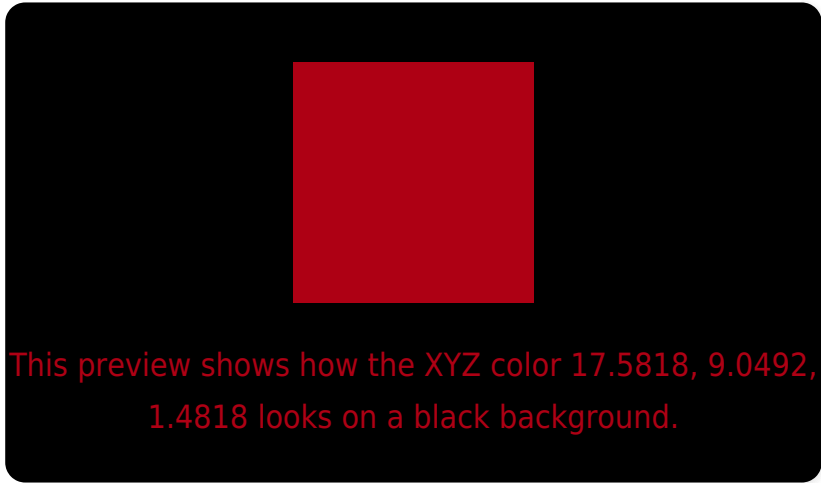
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5818, 9.0492, 1.4818

Background



This preview shows how black text looks on a background with the XYZ color 17.5818, 9.0492, 1.4818.



This preview shows how white text looks on a background with the XYZ color 17.5818, 9.0492,

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

17.5818, 9.0492, 1.4818

Protanopia

8.8452, 9.7035, 3.0758

Deuteranopia

9.6488, 9.5660, 1.3379



Tritanopia

17.4189, 9.2548, 0.8683

Trichromacy



Original Color

17.5818, 9.0492, 1.4818

Protanomaly

10.2527, 7.3577, 2.1081

Deuteranomaly

11.1430, 7.6299, 1.0864

Tritanomaly

17.3805, 9.1167, 1.0447

Monochromacy



Original Color

17.5818, 9.0492, 1.4818

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

6.0269, 3.9079, 2.6271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5818, 9.0492, 1.4818 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(174, 0, 20)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 20)  
}
```

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(174, 0, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 20) }
```

Border

The CSS property to change the border of an element to XYZ 17.5818, 9.0492, 1.4818 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(174, 0, 20) }
```


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

```
.border{ border-color:rgb(174, 0, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 0, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 20);  
box-shadow:4px 4px 4px 4px rgb(174, 0, 20)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.5818, 9.0492, 1.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 20) }
```

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

```
.background{ background-color: rgb(174, 0,  
20) }
```

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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