

Converting Colors

XYZ(17.3675, 8.9480, 1.0495)

Have a look what the booklet for
XYZ(17.3675, 8.9480, 1.0495)
contains.

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Color

**XYZ(17.2774, 8.9018,
1.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0008
RGB	173, 0, 8
RGB Percent	68%, 0%, 3%
CMY	0.3216, 0.9999, 0.9686
CMYK	0.00, 1.00, 0.95, 0.32
HSL	357°, 100%, 34%
HSV	357°, 100%, 68%
XYZ	17.2774, 8.9018, 1.0373
YIQ	52.6390, 100.5400, 39.1640

Conversions

Conversions Part 2

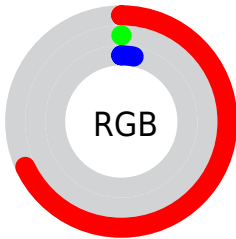
Format	Color
RYB	173, 0, 8
Decimal	11337736
CIELab	35.79, 59.98, 46.90
CIElCh	36, 76.145, 38.022
Yxy	8.9018, 0.6348, 0.3271
Android (android.graphics.Color)	4289527816 (0xFFAD0008)
YUV	52.6390, -22.0070, 105.5566
Hunter-Lab	29.8359, 51.1532, 18.8238

Details

The XYZ color **17.2774, 8.9018, 1.0373** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21.7382, 32.6048, 40.7600**, and the grayscale version is **3.3596, 3.5345, 3.8491**.

A 20% lighter version of the original color is **38.3390, 23.7291, 6.1739**, and **6.4304, 3.3150, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **17.2771, 8.9016, 1.0364**, and if you desaturate by 10%, it is **17.6092, 9.3635, 1.7710**.

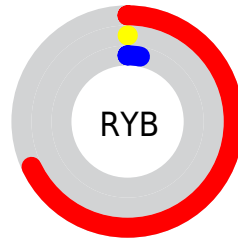
Distribution



Red (68%)

Green (0%)

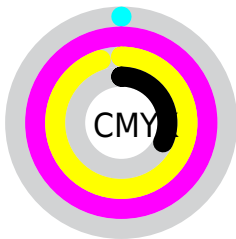
Blue (3%)



Red (68%)

Yellow (0%)

Blue (3%)

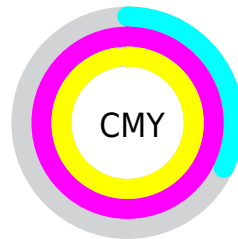


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2774, 8.9018, 1.0373 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 17.2774, 8.9018, 1.0373 by changing the saturation by 10% instead.


 17.2774, 8.9018,
1.0373


 17.2774, 8.9018,
1.0373


 229.8911,
182.6436, 104.9628


 10.5290, 4.6772,
0.0000


 38.3419, 23.7083,
6.1847


 5.8160, 2.0591,
0.0000

 53.3888, 35.0589,
11.3487


 2.7731, 0.6415,
0.0000

 71.9324, 49.5537,
18.7974

 1.0350, 0.0000,
0.0000

 94.3383, 67.5771,
28.9496


 0.0000, 0.0000,
0.0000

 120.9718, 89.5133,
42.2236


 152.1982,


115.7469, 59.0382


 188.3828,
146.6622, 79.8117


 17.2774, 8.9018,
1.0373


 17.2774, 8.9018,
1.0373

 17.2771, 8.9016,
1.0364

 17.6092, 9.3635,
1.7710

 18.2240, 10.2248,
3.1114

 19.2096, 11.6346,
5.1710

 20.6122, 13.6635,
8.0316

 22.4713, 16.3719,
11.7639

■ 24.8216, 19.8128,
16.4308

■ 27.6946, 24.0340,
22.0896

■ 31.1193, 29.0793,
28.7928

■ 35.1223, 34.9892,
36.5893

Harmonies

Analogous

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



20.2547, 8.9018, 6.6277



17.2774, 8.9018, 1.0373



12.1320, 8.9018, 0.0000

Triad

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



17.2774, 8.9018, 1.0373



2.7042, 8.9018, 3.0596



9.7275, 8.9018, 60.8074

Complementary

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



17.2774, 8.9018, 1.0373



21.7382, 32.6048, 40.7600

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.



5.6169, 8.9018, 55.6566



17.2774, 8.9018, 1.0373



2.4576, 8.9018, 13.5809

Square

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



17.2774, 8.9018, 1.0373



4.1701, 8.9018, 0.1210



3.3092, 8.9018, 34.3905



14.9923, 8.9018, 45.2818

Rectangle

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



17.2774, 8.9018, 1.0373



8.7632, 8.9018, 0.0000



3.3092, 8.9018, 34.3905



8.1656, 8.9018, 61.5858

Sweetspot

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



17.2776, 8.9024, 1.0374



49.2961, 42.5967, 38.9646



22.9255, 10.9477, 40.4396



10.2374, 8.5578, 7.5324



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.



17.2776, 8.9024, 1.0374



30.9212, 15.9339, 1.7427



19.9486, 14.3142, 1.7124



8.0196, 8.0211, 8.4143



12.6986, 6.5420, 0.7925



0.3580, 0.1839, 0.0470

Inverse Universe

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



17.2776, 8.9024, 1.0374



30.9212, 15.9339, 1.7427



11.6501, 11.2313, 41.0886



8.0196, 8.0211, 8.4143



12.6986, 6.5420, 0.7925



0.3580, 0.1839, 0.0470

Previews

White Background



This preview shows how the XYZ color 17.2774, 8.9018, 1.0373 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 17.2774, 8.9018, 1.0373

Background



This preview shows how black text looks on a background with the XYZ color 17.2774, 8.9018, 1.0373.



This preview shows how white text looks on a background with the XYZ color 17.2774, 8.9018,

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

17.2774, 8.9018, 1.0373

Protanopia

8.6207, 9.4832, 2.2958

Deuteranopia

9.5237, 9.5015, 1.3320

Trichromacy



Original Color

17.2774, 8.9018, 1.0373

Protanomaly

9.9412, 7.1394, 1.4702

Deuteranomaly

10.9624, 7.5393, 0.9636

Monochromacy



Original Color

17.2774, 8.9018, 1.0373

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.8357, 3.8190, 2.1798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2774, 8.9018, 1.0373 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, 8)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 8)  
}
```

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, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.2774, 8.9018, 1.0373 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, 8) }
```

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

```
.border{ border-color:rgb(173, 0, 8) }
```

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, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(173, 0, 8); box-shadow:4px  
4px 4px 4px rgb(173, 0, 8) }
```


Background

The CSS property to change the background color of an element to XYZ 17.2774, 8.9018, 1.0373 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, 8) }
```

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

```
.background{ background-color: rgb(173, 0,  
8) }
```

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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