

Converting Colors

XYZ(17.4503, 8.9812, 1.4854)

Have a look what the booklet for
XYZ(17.4503, 8.9812, 1.4854)
contains.

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Color

**XYZ(17.3598, 8.9347,
1.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0014
RGB	173, 0, 20
RGB Percent	68%, 0%, 8%
CMY	0.3216, 0.9999, 0.9216
CMYK	0.00, 1.00, 0.88, 0.32
HSL	353°, 100%, 34%
HSV	353°, 100%, 68%
XYZ	17.3598, 8.9347, 1.4714
YIQ	54.0070, 96.6880, 42.8960

Conversions

Conversions Part 2

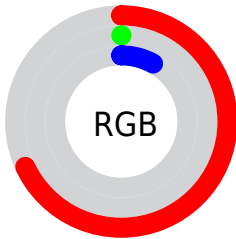
Format	Color
RYB	173, 0, 20
Decimal	11337748
CIELab	35.86, 60.16, 41.77
CIELCh	36, 73.240, 34.775
Yxy	8.9347, 0.6252, 0.3218
Android (android.graphics.Color)	4289527828 (0xFFAD0014)
YUV	54.0070, -16.7655, 104.3569
Hunter-Lab	29.8910, 51.3584, 18.0051

Details

The XYZ color **17.3598, 8.9347, 1.4714** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **20.6959, 32.1879, 35.2712**, and the grayscale version is **3.5208, 3.7041, 4.0338**.

A 20% lighter version of the original color is **38.6036, 23.8350, 7.5670**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.3595, 8.9346, 1.4702**, and if you desaturate by 10%, it is **17.7469, 9.4185, 2.4963**.

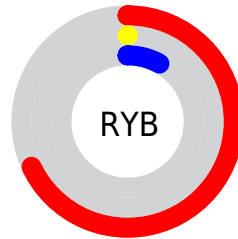
Distribution



Red (68%)

Green (0%)

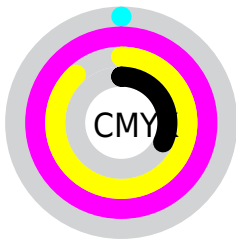
Blue (8%)



Red (68%)

Yellow (0%)

Blue (8%)

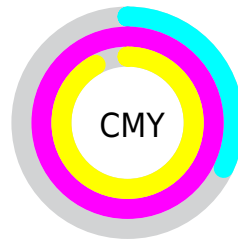


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3598, 8.9347, 1.4714 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 17.3598, 8.9347, 1.4714 by changing the saturation by 10% instead.


 17.3598, 8.9347,
1.4714

 17.3598, 8.9347,
1.4714


 230.3534,
182.8900, 113.5379


 10.5882, 4.6986,
0.1965


 38.4821, 23.7715,
7.5375


 5.8559, 2.0715,
0.0000

 53.5635, 35.1410,
13.3516


 2.7975, 0.6485,
0.0000

 72.1456, 49.6570,
21.5777

 1.0476, 0.0000,
0.0000


 94.5937, 67.7041,
32.6344


 0.0000, 0.0000,
0.0000


 121.2731, 89.6665,
46.9402


 152.5494,


115.9287, 64.9137


 188.7877,
146.8751, 86.9734


 17.3598, 8.9347,
1.4714


 17.3598, 8.9347,
1.4714


 17.3595, 8.9346,
1.4702

 17.7469, 9.4185,
2.4963

 18.4124, 10.3000,
4.1041

 19.4388, 11.7260,
6.3787

 20.8687, 13.7658,
9.3830

 22.7385, 16.4784,
13.1725

■ 25.0807, 19.9159,
17.7974

■ 27.9247, 24.1254,
23.3036

■ 31.2975, 29.1497,
29.7335

■ 35.2239, 35.0289,
37.1272

Harmonies

Analogous

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



19.8226, 8.9347, 7.8710



17.3598, 8.9347, 1.4714



12.5696, 8.9347, 0.0000

Triad

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



17.3598, 8.9347, 1.4714



2.9578, 8.9347, 2.6828



9.2061, 8.9347, 58.2913

Complementary

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



17.3598, 8.9347, 1.4714



20.6959, 32.1879, 35.2712

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.



5.4083, 8.9347, 51.3403



17.3598, 8.9347, 1.4714



2.5941, 8.9347, 11.8571

Square

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



17.3598, 8.9347, 1.4714



4.5654, 8.9347, 0.1164



3.3153, 8.9347, 30.7262



14.1984, 8.9347, 45.5414

Rectangle

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



17.3598, 8.9347, 1.4714



9.2753, 8.9347, 0.0000



3.3153, 8.9347, 30.7262



7.7544, 8.9347, 58.2372

Sweetspot

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



17.3600, 8.9353, 1.4715



49.7132, 42.7636, 41.1611



20.6459, 9.7725, 40.3329



10.3335, 8.5962, 8.0384



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.



17.3600, 8.9353, 1.4715



31.0500, 15.9855, 2.4210



19.2014, 12.8198, 1.4633



8.0415, 8.0298, 8.5291



12.7648, 6.5684, 1.1407



0.3667, 0.1874, 0.0929

Inverse Universe

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



17.3600, 8.9353, 1.4715



31.0500, 15.9855, 2.4210



12.7689, 13.4689, 41.4616



8.0415, 8.0298, 8.5291



12.7648, 6.5684, 1.1407



0.3667, 0.1874, 0.0929

Previews

White Background



This preview shows how the XYZ color 17.3598, 8.9347, 1.4714 looks on a white background.

Color Contrast Check

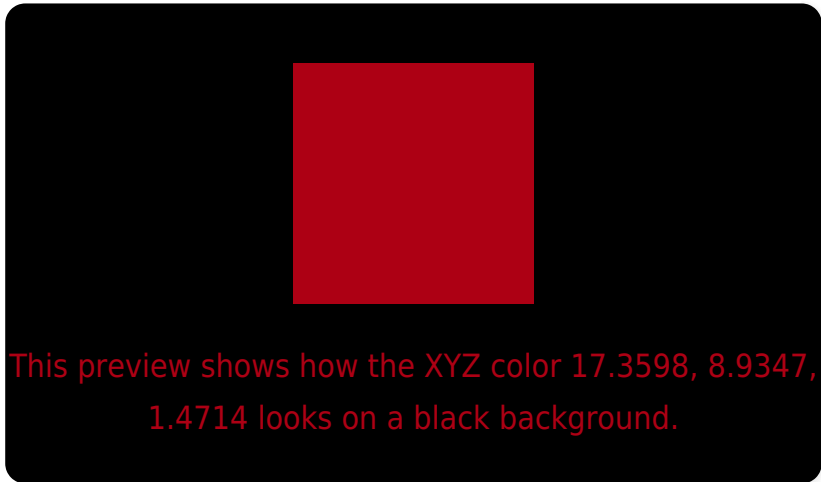
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3598, 8.9347, 1.4714

Background



This preview shows how black text looks on a background with the XYZ color 17.3598, 8.9347, 1.4714.



This preview shows how white text looks on a background with the XYZ color 17.3598, 8.9347,

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

17.3598, 8.9347, 1.4714

Protanopia

8.7229, 9.6422, 2.9915

Deuteranopia

9.5237, 9.5015, 1.3320



Tritanopia

17.1985, 9.1412, 0.8580

Trichromacy



Original Color

17.3598, 8.9347, 1.4714

Protanomaly

10.1060, 7.2821, 2.1012

Deuteranomaly

10.9843, 7.5481, 1.0790

Tritanomaly

17.1601, 9.0031, 1.0343

Monochromacy



Original Color

17.3598, 8.9347, 1.4714

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.9197, 3.8526, 2.6221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3598, 8.9347, 1.4714 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, 20)` looks like.

```
.text, #text, p{  
  color:rgb(173, 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(173, 0, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 20) }
```

Border

The CSS property to change the border of an element to XYZ 17.3598, 8.9347, 1.4714 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, 20) }
```


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

```
.border{ border-color:rgb(173, 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(173, 0, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 20);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 20)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3598, 8.9347, 1.4714 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, 20) }
```

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

```
.background{ background-color: rgb(173, 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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