

Converting Colors

XYZ(17.8370, 9.3508, 1.1232)

Have a look what the booklet for
XYZ(17.8370, 9.3508, 1.1232)
contains.

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Color

**XYZ(17.8370, 9.3508,
1.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	AF0A09
RGB	175, 10, 9
RGB Percent	69%, 4%, 4%
CMY	0.3137, 0.9606, 0.9647
CMYK	0.00, 0.94, 0.95, 0.31
HSL	0°, 90%, 36%
HSV	0°, 95%, 69%
XYZ	17.8370, 9.3508, 1.1232
YIQ	59.2210, 98.6610, 34.6690

Conversions

Conversions Part 2

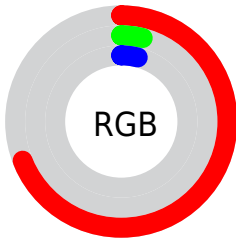
Format	Color
RYB	175, 10, 9
Decimal	11471369
CIELab	36.65, 59.32, 47.24
CIElCh	37, 75.831, 38.534
Yxy	9.3508, 0.6300, 0.3303
Android (android.graphics.Color)	4289661449 (0xFFAF0A09)
YUV	59.2210, -24.7590, 101.5382
Hunter-Lab	30.5791, 50.6070, 19.2276

Details

The XYZ color **17.8370, 9.3508, 1.1232** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **22.9797, 33.4116, 45.7949**, and the grayscale version is **4.2133, 4.4327, 4.8272**.

A 20% lighter version of the original color is **39.2528, 24.5211, 6.4056**, and **6.6821, 3.4447, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **17.6908, 9.1375, 0.8313**, and if you desaturate by 10%, it is **18.2728, 9.9942, 1.9728**.

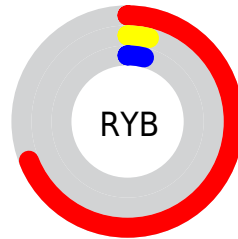
Distribution



Red (69%)

Green (4%)

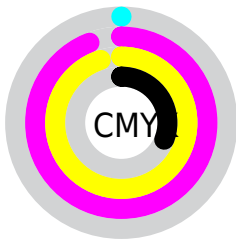
Blue (4%)



Red (69%)

Yellow (4%)

Blue (4%)

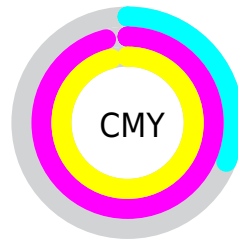


Cyan (0%)

Magenta (94%)

Yellow (95%)

Black (31%)



Cyan (31%)


Magenta (96%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.8370, 9.3508, 1.1232 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 17.8370, 9.3508, 1.1232 by changing the saturation by 10% instead.


 17.8370, 9.3508,
1.1232


 17.8370, 9.3508,
1.1232


 233.0141,
185.9737, 106.7893


 10.9320, 4.9707,
0.0000


 39.2916, 24.5670,
6.4638


 6.0881, 2.2301,
0.0000


 54.5720, 36.1720,
11.7658


 2.9399, 0.7363,
0.0000

 73.3749, 50.9540,
19.3803

 1.1221, 0.0000,
0.0000

 96.0656, 69.2974,
29.7259


 0.0434, 0.0000,
0.0000


 123.0095, 91.5867,
43.2210

 0.0000, 0.0000,
0.0000


 154.5720,

118.2063, 60.2843


 191.1184,
149.5405, 81.3342


 17.8370, 9.3508,
1.1232


 17.8370, 9.3508,
1.1232


 17.6908, 9.1375,
0.8313

 18.2728, 9.9942,
1.9728

 19.0650, 11.1585,
3.5318

 20.2687, 12.9240,
5.9121

 21.9296, 15.3570,
9.2055

 24.0870, 18.5149,
13.4915

■ 26.7764, 22.4492,
18.8413

■ 30.0298, 27.2065,
25.3193

■ 33.8767, 32.8297,
32.9848

■ 38.3446, 39.3590,
41.8931

Harmonies

Analogous

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



20.9301, 9.3508, 6.8452



17.8370, 9.3508, 1.1232



12.5629, 9.3508, 0.0000

Triad

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



17.8370, 9.3508, 1.1232



2.9075, 9.3508, 3.4076



10.2763, 9.3508, 61.9982

Complementary

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



17.8370, 9.3508, 1.1232



22.9797, 33.4116, 45.7949

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.



6.0097, 9.3508, 57.1692



17.8370, 9.3508, 1.1232



2.6678, 9.3508, 14.4563

Square

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



17.8370, 9.3508, 1.1232



4.4127, 9.3508, 0.2708



3.5814, 9.3508, 35.7832



15.6732, 9.3508, 46.0231

Rectangle

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



17.8370, 9.3508, 1.1232



9.1176, 9.3508, 0.0000



3.5814, 9.3508, 35.7832



8.6616, 9.3508, 62.9168

Sweetspot

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



17.8372, 9.3514, 1.1233



51.5496, 45.4610, 40.8983



25.5144, 12.4043, 41.6064



10.9156, 9.3119, 8.0113



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.



17.8372, 9.3514, 1.1233



31.6781, 16.3535, 1.4869



21.5554, 16.7878, 2.3627



8.0091, 8.0230, 8.3398



12.6708, 6.5472, 0.5959



0.3538, 0.1847, 0.0170

Inverse Universe

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



22.9797, 33.4116, 45.7949



40.9286, 59.6839, 81.9999



11.6775, 10.8074, 42.0275



8.2320, 9.0634, 10.2682



16.3701, 23.8740, 32.7899



0.4567, 0.6668, 0.9126

Previews

White Background



This preview shows how the XYZ color 17.8370, 9.3508, 1.1232 looks on a white background.

Color Contrast Check

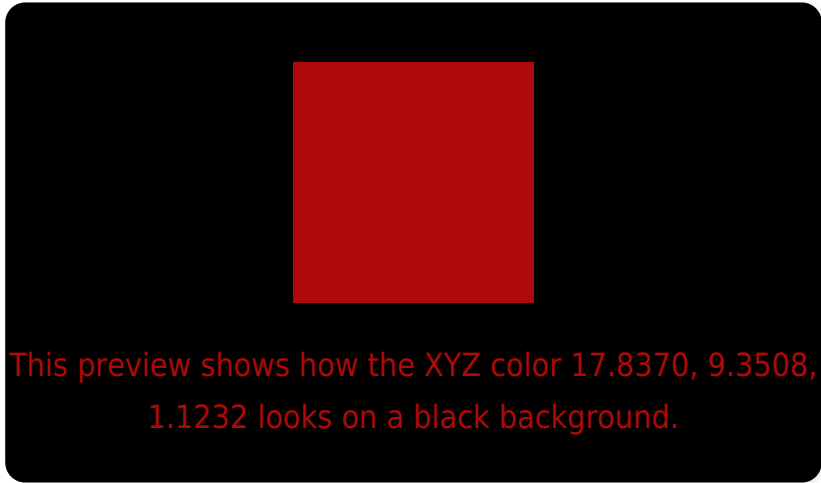
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8370, 9.3508, 1.1232

Background



This preview shows how black text looks on a background with the XYZ color 17.8370, 9.3508, 1.1232.



This preview shows how white text looks on a background with the XYZ color 17.8370, 9.3508,

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

17.8370, 9.3508, 1.1232

Protanopia

8.8934, 9.8676, 2.3556

Deuteranopia

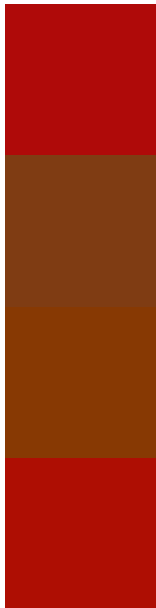
9.8524, 9.7854, 1.3695



Tritanopia

17.6408, 9.3693, 0.8787

Trichromacy



Original Color

17.8370, 9.3508, 1.1232

Protanomaly

10.4858, 7.7908, 1.5672

Deuteranomaly

11.4712, 8.0837, 1.0419

Tritanomaly

17.6290, 9.3193, 0.9558

Monochromacy



Original Color

17.8370, 9.3508, 1.1232

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.5600, 4.5127, 2.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8370, 9.3508, 1.1232 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(175, 10, 9)` looks like.

```
.text, #text, p{  
    color:rgb(175, 10, 9)  
}
```

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(175, 10, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 10, 9) }
```

Border

The CSS property to change the border of an element to XYZ 17.8370, 9.3508, 1.1232 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(175, 10, 9) }
```


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

```
.border{ border-color:rgb(175, 10, 9) }
```

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

Here you see how a box with a 4 pixel rgb(175, 10, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 10, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 10, 9);  
box-shadow:4px 4px 4px 4px rgb(175, 10, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.8370, 9.3508, 1.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 10, 9) }
```

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

```
.background{ background-color: rgb(175, 10,  
9) }
```

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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