

Converting Colors

XYZ(17.6510, 9.5380, 1.1444)

Have a look what the booklet for
XYZ(17.6510, 9.5380, 1.1444)
contains.

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Color

**XYZ(17.5838, 9.5146,
1.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1708
RGB	173, 23, 8
RGB Percent	68%, 9%, 3%
CMY	0.3216, 0.9097, 0.9686
CMYK	0.00, 0.87, 0.95, 0.32
HSL	5°, 91%, 35%
HSV	5°, 95%, 68%
XYZ	17.5838, 9.5146, 1.1395
YIQ	66.1400, 94.2150, 27.1350

Conversions

Conversions Part 2

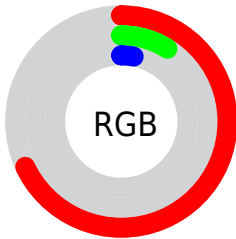
Format	Color
RYB	173, 25, 8
Decimal	11343624
CIELab	36.96, 56.64, 47.56
CIElCh	37, 73.958, 40.019
Yxy	9.5146, 0.6227, 0.3369
Android (android.graphics.Color)	4289533704 (0xFFAD1708)
YUV	66.1400, -28.6630, 93.7162
Hunter-Lab	30.8457, 47.7749, 19.4017

Details

The XYZ color **17.5838, 9.5146, 1.1395** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **19.8669, 27.5167, 43.7989**, and the grayscale version is **5.2346, 5.5072, 5.9973**.

A 20% lighter version of the original color is **38.9667, 24.9456, 6.5026**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.4149, 9.2472, 0.8670**, and if you desaturate by 10%, it is **18.1293, 10.3899, 1.9868**.

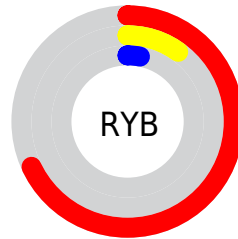
Distribution



Red (68%)

Green (9%)

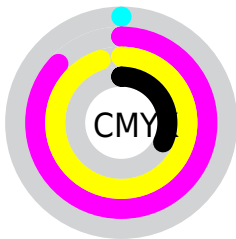
Blue (3%)



Red (68%)

Yellow (10%)

Blue (3%)

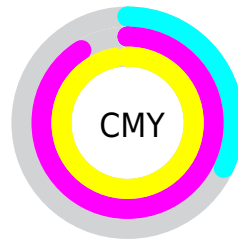


Cyan (0%)

Magenta (87%)

Yellow (95%)

Black (32%)



Cyan (32%)


Magenta (91%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5838, 9.5146, 1.1395 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 17.5838, 9.5146, 1.1395 by changing the saturation by 10% instead.

 17.5838, 9.5146,
1.1395


 17.5838, 9.5146,
1.1395


 231.6058,
187.1717, 107.1276


 10.7495, 5.0783,
0.0000


 38.8625, 24.8784,
6.5161


 5.9647, 2.2933,
0.0000


 54.0376, 36.5748,
11.8437


 2.8641, 0.7702,
0.0000

 72.7236, 51.4599,
19.4889

 1.0823, 0.0000,
0.0000

 95.2860, 69.9183,
29.8702

 0.0102, 0.0000,
0.0000


 122.0901, 92.3343,
43.4062


 0.0000, 0.0000,
0.0000


 153.5011,


119.0922, 60.5154


 189.8846,
150.5766, 81.6164


 17.5838, 9.5146,
1.1395


 17.5838, 9.5146,
1.1395


 17.4149, 9.2472,
0.8670

 18.1293, 10.3899,
1.9868

 19.0033, 11.7379,
3.5115

 20.2488, 13.6141,
5.8220

 21.9015, 16.0657,
9.0053

 23.9930, 19.1346,
13.1369

■ 26.5516, 22.8589,
18.2842

■ 29.6034, 27.2734,
24.5084

■ 33.1723, 32.4107,
31.8657

■ 37.2810, 38.3011,
40.4087

Harmonies

Analogous

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



20.7552, 9.5146, 6.5683



17.5838, 9.5146, 1.1395



12.3919, 9.5146, 0.0000

Triad

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



17.5838, 9.5146, 1.1395



3.0424, 9.5146, 3.9187



10.6604, 9.5146, 60.1830

Complementary

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



17.5838, 9.5146, 1.1395



19.8669, 27.5167, 43.7989

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.



6.3599, 9.5146, 56.5999



17.5838, 9.5146, 1.1395



2.8553, 9.5146, 15.3856

Square

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



17.5838, 9.5146, 1.1395



4.4868, 9.5146, 0.4949



3.8437, 9.5146, 36.4440



15.9553, 9.5146, 44.0723

Rectangle

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



17.5838, 9.5146, 1.1395



9.0405, 9.5146, 0.0000



3.8437, 9.5146, 36.4440



9.0462, 9.5146, 61.4321

Sweetspot

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



17.5840, 9.5152, 1.1396



50.6504, 45.4250, 39.0468



23.5999, 11.5697, 33.9038



10.5271, 9.1766, 7.5076



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.



17.5840, 9.5152, 1.1396



31.1223, 16.4266, 1.5303



22.2528, 18.8528, 2.6959



8.0617, 8.1282, 8.3574



12.8136, 6.8327, 0.6435



0.3749, 0.2269, 0.0240

Inverse Universe

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



19.8669, 27.5167, 43.7989



35.0965, 48.5787, 78.3326



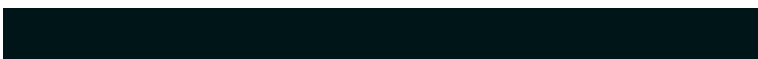
10.2794, 8.3417, 40.6031



8.1731, 8.9456, 10.2486



14.4526, 20.0391, 32.1507



0.4198, 0.5929, 0.9003

Previews

White Background



This preview shows how the XYZ color 17.5838, 9.5146, 1.1395 looks on a white background.

Color Contrast Check

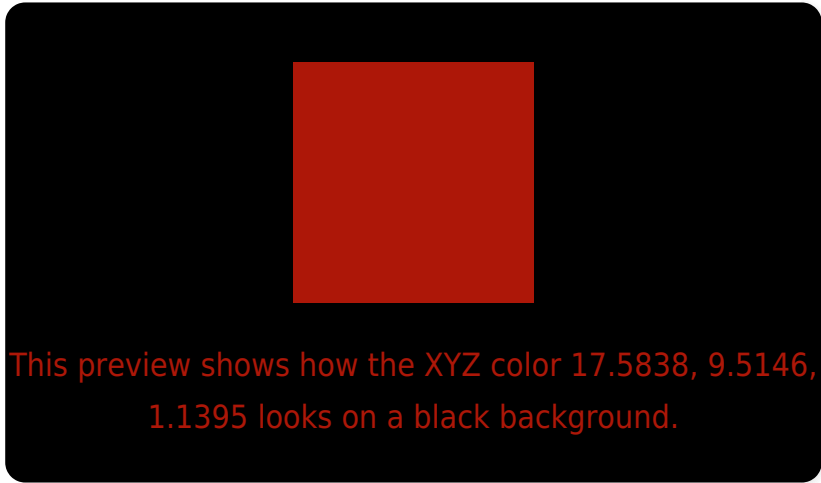
Large Text (above 18pt) WCAG AA ✓ Pass

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

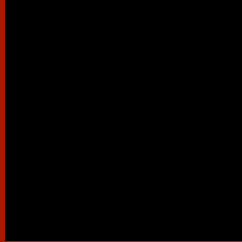
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5838, 9.5146, 1.1395

Background



This preview shows how black text looks on a background with the XYZ color 17.5838, 9.5146, 1.1395.



This preview shows how white text looks on a background with the XYZ color 17.5838, 9.5146,

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

17.5838, 9.5146, 1.1395

Protanopia

8.9928, 9.9200, 2.3049

Deuteranopia

9.8524, 9.7854, 1.3695



Tritanopia

17.6380, 9.5051, 1.5211

Trichromacy



Original Color

17.5838, 9.5146, 1.1395

Protanomaly

10.7519, 8.3363, 1.6146

Deuteranomaly

11.5706, 8.5202, 1.1209

Tritanomaly

17.6067, 9.4925, 1.3562

Monochromacy



Original Color

17.5838, 9.5146, 1.1395

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

7.4400, 5.4739, 3.1471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5838, 9.5146, 1.1395 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, 23, 8)` looks like.

```
.text, #text, p{  
    color:rgb(173, 23, 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, 23, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 23, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.5838, 9.5146, 1.1395 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, 23, 8) }
```


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

```
.border{ border-color:rgb(173, 23, 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, 23, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 23, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 23, 8);  
box-shadow:4px 4px 4px 4px rgb(173, 23, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.5838, 9.5146, 1.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 23, 8) }
```

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

```
.background{ background-color: rgb(173, 23,  
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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