

Converting Colors

XYZ(18.5107, 10.9618, 1.9141)

Have a look what the booklet for
XYZ(18.5107, 10.9618, 1.9141)
contains.

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Color

**XYZ(18.5774, 11.0106,
1.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	AE2E16
RGB	174, 46, 22
RGB Percent	68%, 18%, 9%
CMY	0.3176, 0.8196, 0.9137
CMYK	0.00, 0.74, 0.87, 0.32
HSL	9°, 78%, 38%
HSV	9°, 87%, 68%
XYZ	18.5774, 11.0106, 1.9052
YIQ	81.5360, 83.9920, 19.6720

Conversions

Conversions Part 2

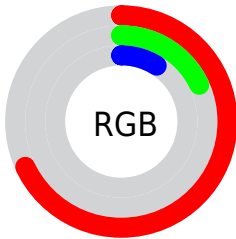
Format	Color
RYB	174, 51, 22
Decimal	11415062
CIELab	39.60, 50.52, 43.94
CIElCh	40, 66.954, 41.012
Yxy	11.0106, 0.5899, 0.3496
Android (android.graphics.Color)	4289605142 (0xFFAE2E16)
YUV	81.5360, -29.3512, 81.0909
Hunter-Lab	33.1822, 41.8661, 19.8233

Details

The XYZ color **18.5774, 11.0106, 1.9052** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18.8758, 25.0366, 43.8818**, and the grayscale version is **7.9730, 8.3883, 9.1348**.

A 20% lighter version of the original color is **40.6529, 27.7416, 8.8422**, and **6.8101, 3.5107, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **17.9800, 10.0075, 1.1161**, and if you desaturate by 10%, it is **19.4790, 12.4492, 3.3308**.

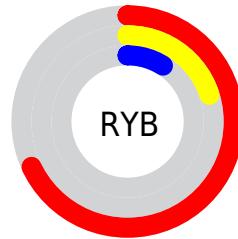
Distribution



Red (68%)

Green (18%)

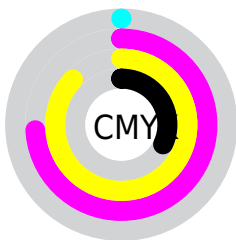
Blue (9%)



Red (68%)

Yellow (20%)

Blue (9%)

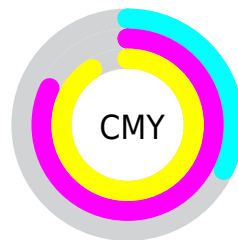


Cyan (0%)

Magenta (74%)

Yellow (87%)

Black (32%)



Cyan (32%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5774, 11.0106, 1.9052 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 18.5774, 11.0106, 1.9052 by changing the saturation by 10% instead.

■ 18.5774, 11.0106,
1.9052

■ 18.5774, 11.0106,
1.9052

237.0889,
197.7403, 120.8869

■ 11.4675, 6.0740,
0.4960

■ 40.5412, 27.6798,
8.7800

■ 6.4518, 2.8901,
0.0000

■ 56.1258, 40.1811,
15.1544

■ 3.1650, 1.0746,
0.0000

■ 75.2660, 55.9728,
24.0448

■ 1.2416, 0.0000,
0.0000

■ 98.3272, 75.4392,
35.8699


■ 0.1388, 0.0000,
0.0000


■ 125.6748, 98.9648,
51.0481


■ 0.0000, 0.0000,
0.0000


■ 157.6740,


126.9339, 69.9980

 194.6902,
159.7309, 93.1381


 18.5774, 11.0106,
1.9052


 18.5774, 11.0106,
1.9052


 17.9800, 10.0075,
1.1161


 19.4790, 12.4492,
3.3308

 17.8585, 9.8048,
0.9513

 20.7264, 14.3667,
5.5256

 22.3514, 16.8020,
8.5792

 24.3824, 19.7894,
12.5687

 26.8445, 23.3602,
17.5624

■ 29.7612, 27.5432,
23.6224

■ 33.1540, 32.3655,
30.8057

■ 37.0430, 37.8524,
39.1651

■ 41.4472, 44.0279,
48.7503

Harmonies

Analogous

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



21.6523, 11.0106, 7.8019



18.5774, 11.0106, 1.9052



13.5865, 11.0106, 0.3469

Triad

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



18.5774, 11.0106, 1.9052



4.1692, 11.0106, 5.5319



12.2317, 11.0106, 57.4167

Complementary

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



18.5774, 11.0106, 1.9052



18.8758, 25.0366, 43.8818

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.



7.8628, 11.0106, 54.8853



18.5774, 11.0106, 1.9052



4.0006, 11.0106, 17.4558

Square

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



18.5774, 11.0106, 1.9052



5.7000, 11.0106, 1.2683



5.1438, 11.0106, 37.1836



17.3411, 11.0106, 42.6898

Rectangle

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



18.5774, 11.0106, 1.9052



10.3111, 11.0106, 0.0929



5.1438, 11.0106, 37.1836



10.6209, 11.0106, 58.7296

Sweetspot

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



18.5776, 11.0113, 1.9054



54.4995, 50.6961, 43.9308



23.3445, 11.8133, 30.4131



11.6876, 10.6600, 8.8726



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.



18.5776, 11.0113, 1.9054



32.2890, 17.5752, 1.6905



24.4134, 22.6828, 3.8506



8.1036, 8.2121, 8.3713



12.9824, 7.1704, 0.6998



0.3916, 0.2603, 0.0296

Inverse Universe

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



18.8758, 25.0366, 43.8818



32.5116, 42.8501, 79.1942



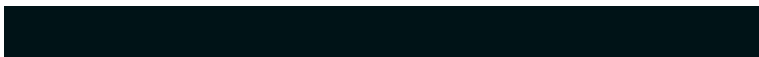
10.5006, 8.2860, 41.0901



8.1270, 8.8534, 10.2332



13.0903, 17.3145, 31.6966



0.3926, 0.5385, 0.8912

Previews

White Background



This preview shows how the XYZ color 18.5774, 11.0106, 1.9052 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

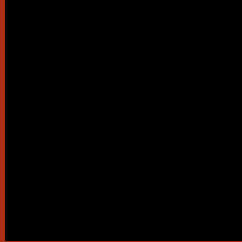
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.5774, 11.0106, 1.9052

Background



This preview shows how black text looks on a background with the XYZ color 18.5774, 11.0106, 1.9052.



This preview shows how white text looks on a background with the XYZ color 18.5774, 11.0106,

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

18.5774, 11.0106, 1.9052

Protanopia

10.2066, 11.3032, 3.1572

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

19.0535, 11.1048, 3.6218

Trichromacy



Original Color

18.5774, 11.0106, 1.9052

Protanomaly

12.0941, 10.1473, 2.5495

Deuteranomaly

13.1401, 10.4041, 1.5454

Tritanomaly

18.9515, 11.1243, 2.8986

Monochromacy



Original Color

18.5774, 11.0106, 1.9052

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.0140, 8.2273, 5.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5774, 11.0106, 1.9052 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, 46, 22)` looks like.

```
.text, #text, p{  
    color:rgb(174, 46, 22)  
}
```

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, 46, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 46, 22) }
```

Border

The CSS property to change the border of an element to XYZ 18.5774, 11.0106, 1.9052 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, 46, 22) }
```


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

```
.border{ border-color:rgb(174, 46, 22) }
```

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

Here you see how a box with a 4 pixel rgb(174, 46, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 46, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 46, 22);  
box-shadow:4px 4px 4px 4px rgb(174, 46,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5774, 11.0106, 1.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 46, 22) }
```

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

```
.background{ background-color: rgb(174, 46,  
22) }
```

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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