

Converting Colors

XYZ(18.2466, 9.9680, 1.8820)

Have a look what the booklet for
XYZ(18.2466, 9.9680, 1.8820)
contains.

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Color

**XYZ(18.2466, 9.9680,
1.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1B19
RGB	175, 27, 25
RGB Percent	69%, 11%, 10%
CMY	0.3137, 0.8941, 0.9020
CMYK	0.00, 0.85, 0.86, 0.31
HSL	1°, 75%, 39%
HSV	1°, 86%, 69%
XYZ	18.2466, 9.9680, 1.8820
YIQ	71.0240, 88.8500, 30.7540

Conversions

Conversions Part 2

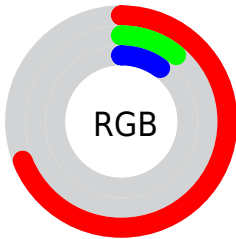
Format	Color
R _Y B	175, 27, 25
Decimal	11475737
CIE Lab	37.78, 56.61, 41.02
CIE LCh	38, 69.907, 35.931
Yxy	9.9680, 0.6063, 0.3312
Android (android.graphics.Color)	4289665817 (0xFFAF1B19)
YUV	71.0240, -22.6898, 91.1870
Hunter-Lab	31.5721, 47.9099, 18.5662

Details

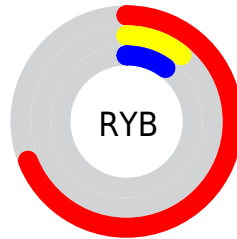
The XYZ color **18.2466, 9.9680, 1.8820** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **23.0794, 33.1832, 45.7458**, and the grayscale version is **6.0210, 6.3346, 6.8984**.

A 20% lighter version of the original color is **39.9378, 25.7641, 8.6624**, and **6.8101, 3.5107, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **17.8260, 9.3420, 1.0790**, and if you desaturate by 10%, it is **19.0171, 11.1069, 3.3793**.

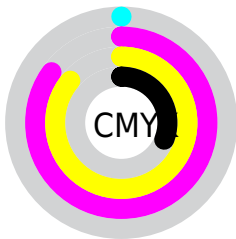
Distribution



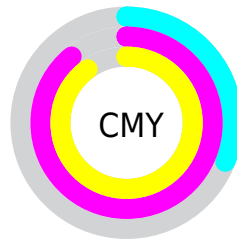
- Red (69%)
- Green (11%)
- Blue (10%)



- Red (69%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (85%)
- Yellow (86%)
- Black (31%)





- Cyan (31%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2466, 9.9680, 1.8820 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 18.2466, 9.9680, 1.8820 by changing the saturation by 10% instead.


 18.2466, 9.9680,
1.8820


 18.2466, 9.9680,
1.8820


235.2761,
190.4435, 120.5167


 11.2279, 5.3777,
0.4812


 39.9839, 25.7353,
8.7156


 6.2888, 2.4706,
0.0000


 55.4332, 37.6811,
15.0617


 3.0638, 0.8618,
0.0000

 74.4235, 52.8476,
23.9188

 1.1876, 0.0000,
0.0000

 97.3200, 71.6191,
35.7053


 0.0965, 0.0000,
0.0000


 124.4882, 94.3801,
50.8398


 0.0000, 0.0000,
0.0000


 156.2934,


121.5149, 69.7408


 193.1009,
153.4079, 92.8270


 18.2466, 9.9680,
1.8820


 18.2466, 9.9680,
1.8820


 17.8260, 9.3420,
1.0790


 19.0171, 11.1069,
3.3793

 17.7046, 9.1649,
0.8359

 20.1926, 12.8361,
5.6883

 21.8186, 15.2213,
8.9022

 23.9343, 18.3194,
13.1010

 26.5747, 22.1810,
18.3563

■ 29.7716, 26.8521,
24.7329

■ 33.5543, 32.3750,
32.2904

■ 37.9499, 38.7892,
41.0841

■ 42.9841, 46.1316,
51.1660

Harmonies

Analogous

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



20.8115, 9.9680, 8.5097



18.2466, 9.9680, 1.8820



13.4173, 9.9680, 0.0921

Triad

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



18.2466, 9.9680, 1.8820



3.6056, 9.9680, 3.6051



10.3877, 9.9680, 58.1496

Complementary

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



18.2466, 9.9680, 1.8820



23.0794, 33.1832, 45.7458

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.



6.3911, 9.9680, 52.2303



18.2466, 9.9680, 1.8820



3.2507, 9.9680, 13.5923

Square

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



18.2466, 9.9680, 1.8820



5.2824, 9.9680, 0.5971



4.0910, 9.9680, 32.5681



15.4460, 9.9680, 45.3297

Rectangle

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



18.2466, 9.9680, 1.8820



10.0956, 9.9680, 0.0000



4.0910, 9.9680, 32.5681



8.8790, 9.9680, 58.3626

Sweetspot

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



18.2468, 9.9686, 1.8821



52.8641, 47.4254, 43.3857



25.7645, 12.9043, 41.6900



11.2986, 9.8820, 8.7430



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.



18.2468, 9.9686, 1.8821



31.6959, 16.3889, 1.4928



22.4117, 18.2984, 3.2704



8.0136, 8.0319, 8.3413



12.6826, 6.5707, 0.5998



0.3556, 0.1883, 0.0176

Inverse Universe

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



23.0794, 33.1832, 45.7458



40.4876, 58.8021, 81.8529



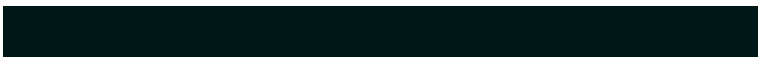
12.6959, 12.4161, 42.2846



8.2270, 9.0533, 10.2666



16.1988, 23.5314, 32.7328



0.4535, 0.6603, 0.9115

Previews

White Background



This preview shows how the XYZ color 18.2466, 9.9680, 1.8820 looks on a white background.

Color Contrast Check

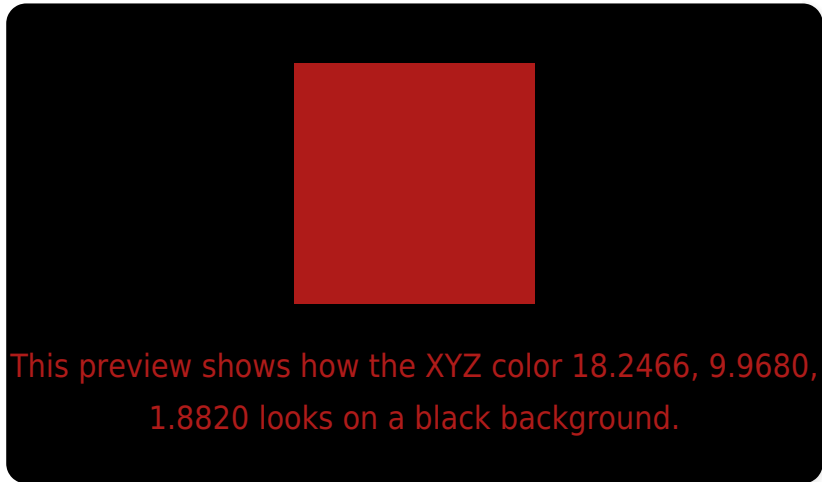
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2466, 9.9680, 1.8820

Background



This preview shows how black text looks on a background with the XYZ color 18.2466, 9.9680, 1.8820.



This preview shows how white text looks on a background with the XYZ color 18.2466, 9.9680,

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

18.2466, 9.9680, 1.8820

Protanopia

9.4909, 10.4021, 3.5151

Deuteranopia

10.2672, 10.2330, 1.4340



Tritanopia

18.2466, 9.9680, 1.8820

Trichromacy



Original Color

18.2466, 9.9680, 1.8820

Protanomaly

11.2726, 8.8448, 2.7032

Deuteranomaly

12.0929, 9.0346, 1.3649

Tritanomaly

18.2466, 9.9680, 1.8820

Monochromacy



Original Color

18.2466, 9.9680, 1.8820

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

8.3387, 6.2499, 4.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2466, 9.9680, 1.8820 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, 27, 25)` looks like.

```
.text, #text, p{  
  color:rgb(175, 27, 25)  
}
```

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, 27, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 27, 25) }
```

Border

The CSS property to change the border of an element to XYZ 18.2466, 9.9680, 1.8820 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, 27, 25) }
```


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

```
.border{ border-color:rgb(175, 27, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 27, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 27, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 27, 25);  
box-shadow:4px 4px 4px 4px rgb(175, 27,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2466, 9.9680, 1.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 27, 25) }
```

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

```
.background{ background-color: rgb(175, 27,  
25) }
```

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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