

Converting Colors

XYZ(18.1833, 9.6381, 1.3922)

Have a look what the booklet for
XYZ(18.1833, 9.6381, 1.3922)
contains.

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Color

**XYZ(18.1833, 9.6381,
1.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	B01010
RGB	176, 16, 16
RGB Percent	69%, 6%, 6%
CMY	0.3098, 0.9372, 0.9373
CMYK	0.00, 0.91, 0.91, 0.31
HSL	0°, 83%, 38%
HSV	0°, 91%, 69%
XYZ	18.1833, 9.6381, 1.3922
YIQ	63.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

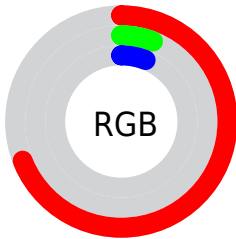
Format	Color
R_{YB}	176, 16, 16
Decimal	11538448
CIE Lab	37.18, 58.86, 44.93
CIE LCh	37, 74.047, 37.357
Yxy	9.6381, 0.6224, 0.3299
Android (android.graphics.Color)	4289728528 (0xFFB01010)
YUV	63.8400, -23.5851, 98.3643
Hunter-Lab	31.0453, 50.2186, 19.0729

Details

The XYZ color **18.1833, 9.6381, 1.3922** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **23.5709, 34.2863, 46.4495**, and the grayscale version is **4.8752, 5.1291, 5.5856**.

A 20% lighter version of the original color is **39.9750, 25.2137, 7.3172**, and **6.9394, 3.5774, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **17.9046, 9.2306, 0.8380**, and if you desaturate by 10%, it is **18.7486, 10.4657, 2.5153**.

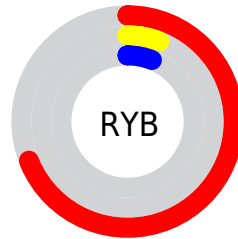
Distribution



Red (69%)

Green (6%)

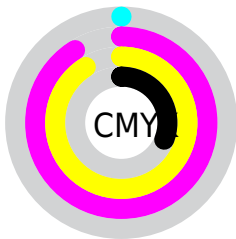
Blue (6%)



Red (69%)

Yellow (6%)

Blue (6%)

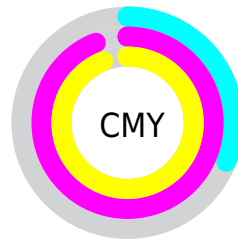


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (31%)



Cyan (31%)


Magenta (94%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1833, 9.6381, 1.3922 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 18.1833, 9.6381, 1.3922 by changing the saturation by 10% instead.

 18.1833, 9.6381,
1.3922


 18.1833, 9.6381,
1.3922


 234.9278,
188.0693, 112.0821


 11.1822, 5.1597,
0.1356


 39.8771, 25.1125,
7.3004


 6.2577, 2.3413,
0.0000


 55.3004, 36.8774,
13.0037


 3.0445, 0.7954,
0.0000

 74.2618, 51.8397,
21.0980

 1.1774, 0.0000,
0.0000

 97.1267, 70.3841,
32.0018


 0.0884, 0.0000,
0.0000


 124.2604, 92.8949,
46.1335


 0.0000, 0.0000,
0.0000


 156.0282,


119.7564, 63.9118


 192.7956,
151.3530, 85.7551


 18.1833, 9.6381,
1.3922


 18.1833, 9.6381,
1.3922


 17.9046, 9.2306,
0.8380

 18.7486, 10.4657,
2.5153

 19.6997, 11.8576,
4.4057

 21.0891, 13.8908,
7.1675

 22.9611, 16.6302,
10.8887

 25.3545, 20.1323,
15.6465

■ 28.3040, 24.4483,
21.5101

■ 31.8416, 29.6248,
28.5429

■ 35.9968, 35.7049,
36.8035

■ 40.7970, 42.7288,
46.3466

Harmonies

Analogous

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



21.0859, 9.6381, 7.5638



18.1833, 9.6381, 1.3922



13.0208, 9.6381, 0.0000

Triad

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



18.1833, 9.6381, 1.3922



3.1677, 9.6381, 3.4343



10.3451, 9.6381, 61.2907

Complementary

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



18.1833, 9.6381, 1.3922



23.5709, 34.2863, 46.4495

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.



6.1506, 9.6381, 55.7880



18.1833, 9.6381, 1.3922



2.8760, 9.6381, 14.0980

Square

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



18.1833, 9.6381, 1.3922



4.7611, 9.6381, 0.3673



3.7613, 9.6381, 34.7134



15.6717, 9.6381, 46.4477

Rectangle

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



18.1833, 9.6381, 1.3922



9.5762, 9.6381, 0.0000



3.7613, 9.6381, 34.7134



8.7575, 9.6381, 61.8837

Sweetspot

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



18.1835, 9.6387, 1.3923



53.4160, 47.3873, 43.1504



25.9260, 12.7352, 42.1656



11.1405, 9.6322, 8.4854



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.



18.1835, 9.6387, 1.3923



32.4732, 16.7411, 1.5198



22.1807, 17.6332, 2.7247



8.4965, 8.5055, 8.8464



13.1371, 6.7728, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



23.5709, 34.2863, 46.4495



42.3617, 61.9829, 84.2265



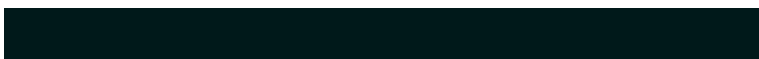
12.2330, 11.6105, 42.6702



8.7426, 9.6314, 10.9046



17.1375, 25.0753, 34.0738



0.5393, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 18.1833, 9.6381, 1.3922 looks on a white background.

Color Contrast Check

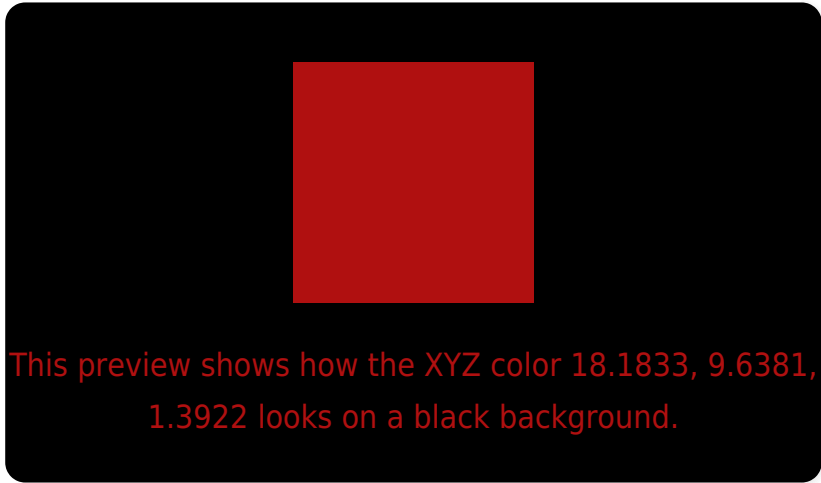
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1833, 9.6381, 1.3922

Background



This preview shows how black text looks on a background with the XYZ color 18.1833, 9.6381, 1.3922.



This preview shows how white text looks on a background with the XYZ color 18.1833, 9.6381,

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

18.1833, 9.6381, 1.3922

Protanopia

9.1590, 10.1206, 2.7671

Deuteranopia

10.0586, 10.0077, 1.4015



Tritanopia

18.1488, 9.6485, 1.1355

Trichromacy



Original Color

18.1833, 9.6381, 1.3922

Protanomaly

10.8660, 8.2188, 1.9910

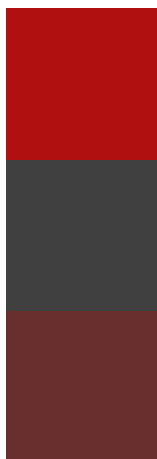
Deuteranomaly

11.8021, 8.4791, 1.1869

Tritanomaly

18.1653, 9.6552, 1.2228

Monochromacy



Original Color

18.1833, 9.6381, 1.3922

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

7.3553, 5.2415, 3.3134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1833, 9.6381, 1.3922 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(176, 16, 16)` looks like.

```
.text, #text, p{  
    color:rgb(176, 16, 16)  
}
```

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(176, 16, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 16, 16) }
```

Border

The CSS property to change the border of an element to XYZ 18.1833, 9.6381, 1.3922 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(176, 16, 16) }
```


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

```
.border{ border-color:rgb(176, 16, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 16, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 16, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 16, 16);  
box-shadow:4px 4px 4px 4px rgb(176, 16,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1833, 9.6381, 1.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 16, 16) }
```

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

```
.background{ background-color: rgb(176, 16,  
16) }
```

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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