

Converting Colors

XYZ(19.1485, 16.9173, 10.5099)

Have a look what the booklet for
XYZ(19.1485, 16.9173, 10.5099)
contains.

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Color

**XYZ(19.1741, 16.9043,
10.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	976753
RGB	151, 103, 83
RGB Percent	59%, 40%, 33%
CMY	0.4078, 0.5961, 0.6745
CMYK	0.00, 0.32, 0.45, 0.41
HSL	18°, 29%, 46%
HSV	18°, 45%, 59%
XYZ	19.1741, 16.9043, 10.4359
YIQ	115.0720, 35.0280, 3.9560

Conversions

Conversions Part 2

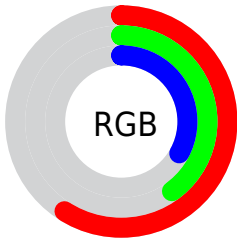
Format	Color
R_{YB}	151, 111, 83
Decimal	9922387
CIE Lab	48.14, 16.78, 19.06
CIE LCh	48, 25.393, 48.633
Yxy	16.9043, 0.4122, 0.3634
Android (android.graphics.Color)	4288112467 (0xFF976753)
YUV	115.0720, -15.8115, 31.5089
Hunter-Lab	41.1148, 11.2934, 13.7312

Details

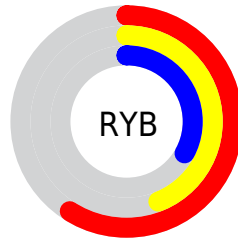
The XYZ color **19.1741, 16.9043, 10.4359** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2692, 20.3053, 32.2874**, and the grayscale version is **16.3569, 17.2087, 18.7403**.

A 20% lighter version of the original color is **41.5214, 38.0701, 27.3501**, and **6.8010, 5.5650, 2.5494** is the 20% darker color. If you saturate the color by 10%, you get **17.6601, 14.7098, 7.3615**, and if you desaturate by 10%, it is **20.9512, 19.4216, 14.2248**.

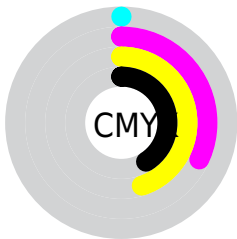
Distribution



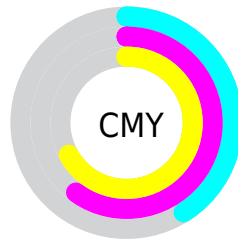
- Red (59%)
- Green (40%)
- Blue (33%)



- Red (59%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1741, 16.9043, 10.4359 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 19.1741, 16.9043, 10.4359 by changing the saturation by 10% instead.

■ 19.1741, 16.9043,
10.4359

■ 19.1741, 16.9043,
10.4359

240.3279,
234.6203, 204.3520

■ 11.9009, 10.1663,
5.5796

■ 41.5427, 38.1612,
27.2327

■ 6.7479, 5.5093,
2.5265

■ 57.3688, 53.4488,
40.0103

■ 3.3499, 2.5491,
0.8542

■ 76.7765, 72.3551,
56.2654

■ 1.3414, 0.9011,
0.0000

■ 100.1313, 95.2644,
76.4165

■ 0.2139, 0.0000,
0.0000

■ 127.7985,
122.5612, 100.8822

■ 0.0000, 0.0000,
0.0000

160.1434,

154.6299, 130.0810

197.5314,
191.8548, 164.4314

■ 19.1741, 16.9043,
10.4359

■ 19.1741, 16.9043,
10.4359

■ 17.6601, 14.7098,
7.3615

■ 20.9512, 19.4216,
14.2248

■ 16.3943, 12.8221,
4.9550

■ 23.0023, 22.2718,
18.7687

■ 15.3627, 11.2275,
3.1660

■ 25.3396, 25.4677,
24.1063

■ 14.5486, 9.9103,
1.9359

■ 27.9738, 29.0205,
30.2733

■ 13.9320, 8.8525,
1.1898

■ 30.9153, 32.9412,
37.3032

■ 13.6789, 8.4120,
0.9027

■ 34.1737, 37.2399,
45.2277

■ 37.7585, 41.9267,
54.0768

■ 41.6785, 47.0109,
63.8791

■ 45.9424, 52.5020,
74.6621

Harmonies

Analogous

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



20.6379, 16.9043, 14.6448



19.1741, 16.9043, 10.4359



16.9555, 16.9043, 8.5637

Triad

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



19.1741, 16.9043, 10.4359



12.1058, 16.9043, 16.0183



17.5235, 16.9043, 33.2244

Complementary

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



19.1741, 16.9043, 10.4359



17.2692, 20.3053, 32.2874

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.



15.2101, 16.9043, 33.8448



19.1741, 16.9043, 10.4359



12.2264, 16.9043, 22.7614

Square

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



19.1741, 16.9043, 10.4359



12.9682, 16.9043, 11.2337



13.3152, 16.9043, 29.6556



19.6239, 16.9043, 28.1213

Rectangle

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



19.1741, 16.9043, 10.4359



15.4116, 16.9043, 8.5008



13.3152, 16.9043, 29.6556



16.7408, 16.9043, 34.0027

Sweetspot

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



19.1745, 16.9051, 10.4362



45.7162, 46.0655, 43.9498



20.0025, 14.4247, 23.4644



10.1888, 10.1959, 9.5225



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.1745, 16.9051, 10.4362



31.6149, 26.3256, 13.1597



23.1657, 24.8875, 11.7666



6.3495, 6.5041, 6.5266



11.6592, 7.2009, 0.7754



0.2030, 0.1651, 0.0212

Inverse Universe

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



17.2692, 20.3053, 32.2874



27.7355, 33.1594, 57.3723



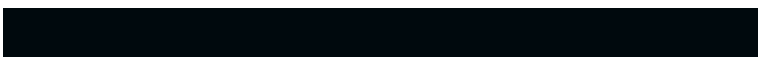
13.4961, 12.7591, 31.0297



6.2311, 6.7195, 7.8975



9.2133, 10.8233, 26.5112



0.1687, 0.2238, 0.4067

Previews

White Background



This preview shows how the XYZ color 19.1741, 16.9043, 10.4359 looks on a white background.

Color Contrast Check

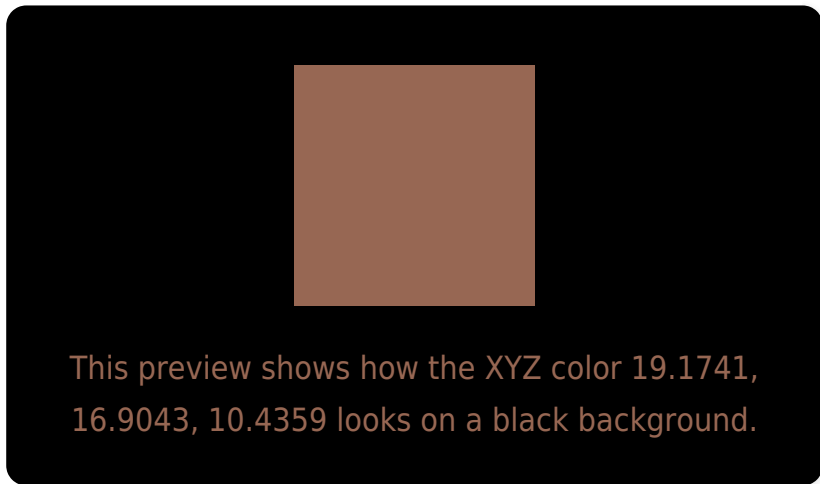
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1741, 16.9043, 10.4359

Background



This preview shows how black text looks on a background with the XYZ color 19.1741, 16.9043, 10.4359.



This preview shows how white text looks on a background with the XYZ color 19.1741, 16.9043,

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

19.1741, 16.9043, 10.4359

Protanopia

15.8048, 16.8768, 11.6571

Deuteranopia

17.2523, 16.9953, 10.3538



Tritanopia

20.3479, 16.9482, 16.1088

Trichromacy



Original Color

19.1741, 16.9043, 10.4359

Protanomaly

16.9285, 16.8103, 11.1566

Deuteranomaly

17.7652, 16.7873, 10.2866

Tritanomaly

19.8072, 16.8646, 13.7665

Monochromacy



Original Color

19.1741, 16.9043, 10.4359

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.0347, 16.9373, 15.2034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1741, 16.9043, 10.4359 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(151, 103, 83)` looks like.

```
.text, #text, p{  
    color:rgb(151, 103, 83)  
}
```

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(151, 103, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 103, 83) }
```

Border

The CSS property to change the border of an element to XYZ 19.1741, 16.9043, 10.4359 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(151, 103, 83) }
```


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

```
.border{ border-color:rgb(151, 103, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 103, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 103, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 103, 83);  
box-shadow:4px 4px 4px 4px rgb(151, 103,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1741, 16.9043, 10.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 103, 83) }
```

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

```
.background{ background-color: rgb(151,  
103, 83) }
```

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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