

Converting Colors

XYZ(23.9443, 19.4074, 18.2768)

Have a look what the booklet for
XYZ(23.9443, 19.4074, 18.2768)
contains.

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Color

**XYZ(23.9239, 19.3310,
18.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	A76872
RGB	167, 104, 114
RGB Percent	65%, 41%, 45%
CMY	0.3451, 0.5921, 0.5529
CMYK	0.00, 0.38, 0.32, 0.35
HSL	350°, 26%, 53%
HSV	350°, 38%, 65%
XYZ	23.9239, 19.3310, 18.3899
YIQ	123.9770, 34.3380, 16.4660

Conversions

Conversions Part 2

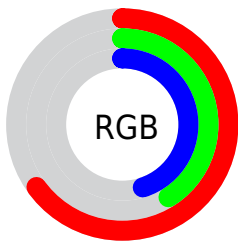
Format	Color
R_{YB}	167, 104, 114
Decimal	10971250
CIE _{Lab}	51.07, 26.59, 5.09
CIE _{LCh}	51, 27.073, 10.834
Yxy	19.3310, 0.3881, 0.3136
Android (android.graphics.Color)	4289161330 (0xFFA76872)
YUV	123.9770, -4.9187, 37.7312
Hunter-Lab	43.9670, 20.1854, 5.9780

Details

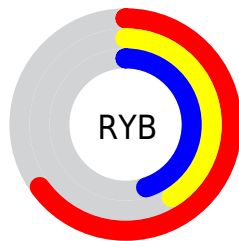
The XYZ color **23.9239, 19.3310, 18.3899** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6143, 33.0152, 36.9225**, and the grayscale version is **19.1588, 20.1566, 21.9505**.

A 20% lighter version of the original color is **49.5119, 42.3774, 41.6465**, and **9.1596, 6.6364, 5.9525** is the 20% darker color. If you saturate the color by 10%, you get **21.6671, 16.0004, 13.9905**, and if you desaturate by 10%, it is **26.6375, 23.3784, 23.5481**.

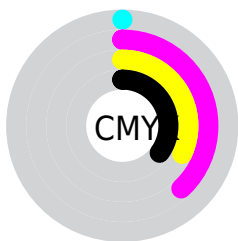
Distribution



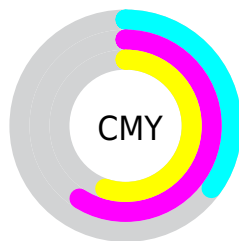
- Red (65%)
- Green (41%)
- Blue (45%)



- Red (65%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (32%)
- Black (35%)





- Cyan (35%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9239, 19.3310, 18.3899 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 23.9239, 19.3310, 18.3899 by changing the saturation by 10% instead.


 23.9239, 19.3310,
18.3899

 23.9239, 19.3310,
18.3899


264.8831,
248.2700, 255.3691

 15.4016, 11.9097,
11.0579


 49.3616, 42.2927,
41.5235


 9.1899, 6.6822,
5.9912


 67.0077, 58.6018,
58.1622

 4.9233, 3.2642,
2.7710

 88.4257, 78.6424,
78.7402

 2.2366, 1.2712,
0.9789

 113.9811,
102.7987, 103.6761

 0.7619, 0.1187,
0.0000

144.0392,
131.4553, 133.3884

 0.0000, 0.0000,
0.0000

178.9653,

164.9964, 168.2956

219.1249,
203.8065, 208.8164

■ 23.9239, 19.3310,
18.3899

■ 23.9239, 19.3310,
18.3899

■ 21.6671, 16.0004,
13.9905

■ 26.6375, 23.3784,
23.5481

■ 19.8402, 13.3421,
10.3127

■ 29.8297, 28.1780,
29.4976

■ 18.4159, 11.3109,
7.3180


■ 33.5227, 33.7666,
36.2702


■ 17.3630, 9.8549,
4.9635


■ 37.7371, 40.1774,
43.8959


■ 16.6455, 8.9138,
3.2016


■ 42.4919, 47.4418,
52.4030


 16.2082, 8.3903,
1.9736

 47.8056, 55.5896,
61.8184

 16.1285, 8.2923,
1.7574

 53.6956, 64.6491,
72.1681

 60.1784, 74.6475,
83.4769

 67.2701, 85.6106,
95.7686

Harmonies

Analogous

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



23.6932, 19.3310, 26.2840



23.9239, 19.3310, 18.3899



22.5622, 19.3310, 12.7862

Triad

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



23.9239, 19.3310, 18.3899



15.2008, 19.3310, 11.7275



16.7305, 19.3310, 38.3272

Complementary

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



23.9239, 19.3310, 18.3899



25.6143, 33.0152, 36.9225

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.



14.7383, 19.3310, 32.2696



23.9239, 19.3310, 18.3899



13.9164, 19.3310, 16.5584

Square

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



23.9239, 19.3310, 18.3899



17.4203, 19.3310, 9.6114



13.7558, 19.3310, 23.9510



19.3610, 19.3310, 39.1621

Rectangle

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



23.9239, 19.3310, 18.3899



21.0056, 19.3310, 10.5986



13.7558, 19.3310, 23.9510



15.9711, 19.3310, 36.7756

Sweetspot

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



23.9244, 19.3319, 18.3903



57.6332, 56.8295, 60.5694



25.7332, 19.8095, 39.0266



12.7033, 12.4238, 13.1992



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.9244, 19.3319, 18.3903



39.5145, 29.6983, 26.4571



25.7693, 23.8830, 16.3496



7.5779, 7.5610, 8.0942



12.3541, 6.3503, 1.4101



0.3144, 0.1600, 0.1073

Inverse Universe

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



23.9244, 19.3319, 18.3903



39.5145, 29.6983, 26.4571



22.9636, 26.2916, 40.4237



7.5779, 7.5610, 8.0942



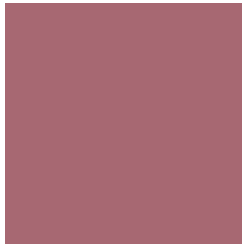
12.3541, 6.3503, 1.4101



0.3144, 0.1600, 0.1073

Previews

White Background



This preview shows how the XYZ color 23.9239, 19.3310, 18.3899 looks on a white 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

Black Background



This preview shows how the XYZ color 23.9239, 19.3310, 18.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

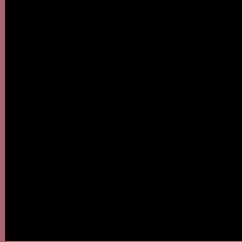
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9239, 19.3310, 18.3899

Background



This preview shows how black text looks on a background with the XYZ color 23.9239, 19.3310, 18.3899.



This preview shows how white text looks on a background with the XYZ color 23.9239, 19.3310,

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

23.9239, 19.3310, 18.3899

Protanopia

18.7876, 19.4151, 21.8260

Deuteranopia

19.8843, 19.5300, 18.0509



Tritanopia

23.8113, 19.2860, 17.7968

Trichromacy



Original Color

23.9239, 19.3310, 18.3899

Protanomaly

20.3361, 19.1930, 20.4021

Deuteranomaly

21.2802, 19.3921, 18.2442

Tritanomaly

23.8673, 19.3084, 18.0917

Monochromacy



Original Color

23.9239, 19.3310, 18.3899

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5667, 19.6541, 20.4789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9239, 19.3310, 18.3899 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(167, 104, 114)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 114)  
}
```

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(167, 104, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.9239, 19.3310, 18.3899 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(167, 104, 114) }
```


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

```
.border{ border-color:rgb(167, 104, 114) }
```

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

Here you see how a box with a 4 pixel rgb(167, 104, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 114);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9239, 19.3310, 18.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 114) }
```

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

```
.background{ background-color: rgb(167,  
104, 114) }
```

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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