

Converting Colors

XYZ(23.5880, 18.5676, 18.5603)

Have a look what the booklet for
XYZ(23.5880, 18.5676, 18.5603)
contains.

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Color

**XYZ(23.5880, 18.5676,
18.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	A76473
RGB	167, 100, 115
RGB Percent	65%, 39%, 45%
CMY	0.3451, 0.6078, 0.5490
CMYK	0.00, 0.40, 0.31, 0.35
HSL	347°, 28%, 52%
HSV	347°, 40%, 65%
XYZ	23.5880, 18.5676, 18.5603
YIQ	121.7430, 35.1170, 18.8690

Conversions

Conversions Part 2

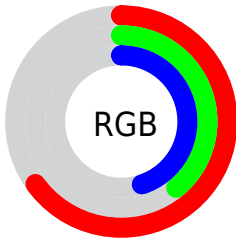
Format	Color
R_{YB}	167, 100, 115
Decimal	10970227
CIE Lab	50.18, 28.96, 3.21
CIE LCh	50, 29.140, 6.316
Yxy	18.5676, 0.3885, 0.3058
Android (android.graphics.Color)	4289160307 (0xFFA76473)
YUV	121.7430, -3.3243, 39.6904
Hunter-Lab	43.0901, 22.3051, 4.6250

Details

The XYZ color **23.5880, 18.5676, 18.5603** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7426, 32.6142, 34.6985**, and the grayscale version is **18.4178, 19.3770, 21.1015**.

A 20% lighter version of the original color is **48.9438, 41.0938, 41.9115**, and **9.0070, 6.2836, 6.0483** is the 20% darker color. If you saturate the color by 10%, you get **21.4532, 15.4088, 14.4239**, and if you desaturate by 10%, it is **26.1571, 22.4268, 23.3593**.

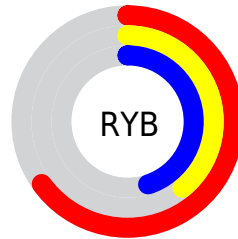
Distribution



Red (65%)

Green (39%)

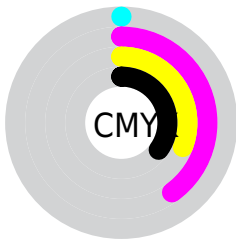
Blue (45%)



Red (65%)

Yellow (39%)

Blue (45%)

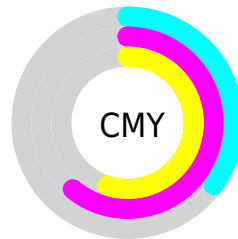


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5880, 18.5676, 18.5603 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 23.5880, 18.5676, 18.5603 by changing the saturation by 10% instead.


 23.5880, 18.5676,
18.5603


 23.5880, 18.5676,
18.5603


263.2102,
244.0512, 256.3518


 15.1514, 11.3583,
11.1794


 48.8166, 41.0022,
41.8165


 9.0127, 6.3083,
6.0720


 66.3393, 56.9962,
58.5290

 4.8066, 3.0335,
2.8194

 87.6214, 76.6872,
79.1890

 2.1678, 1.1492,
1.0032

 113.0282,
100.4596, 104.2151

 0.7257, 0.0196,
0.0000

142.9252,
128.6978, 134.0259

 0.0000, 0.0000,
0.0000

177.6776,

161.7862, 169.0400

217.6508,
200.1092, 209.6757

■ 23.5880, 18.5676,
18.5603

■ 23.5880, 18.5676,
18.5603

■ 21.4532, 15.4088,
14.4239

■ 26.1571, 22.4268,
23.3593

■ 19.7265, 12.9055,
10.9194

■ 29.1815, 27.0223,
28.8476

■ 18.3814, 11.0119,
8.0151


■ 32.6827, 32.3908,
35.0517


■ 17.3874, 9.6752,
5.6761


■ 36.6803, 38.5657,
41.9964


■ 16.7091, 8.8331,
3.8636


■ 41.1930, 45.5785,
49.7051

 16.2763, 8.3515,
2.5359

 46.2382, 53.4589,
58.2004

 51.8329, 62.2353,
67.5039

 57.9929, 71.9346,
77.6363

 64.7336, 82.5829,
88.6176

Harmonies

Analogous

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



23.0788, 18.5676, 27.0992



23.5880, 18.5676, 18.5603



22.3745, 18.5676, 12.3609

Triad

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



23.5880, 18.5676, 18.5603



14.6347, 18.5676, 10.1281



15.5633, 18.5676, 37.9784

Complementary

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



23.5880, 18.5676, 18.5603



24.7426, 32.6142, 34.6985

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.



13.6388, 18.5676, 30.8481



23.5880, 18.5676, 18.5603



13.1438, 18.5676, 14.6114

Square

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



23.5880, 18.5676, 18.5603



17.0596, 18.5676, 8.3986



12.7996, 18.5676, 21.9694



18.2497, 18.5676, 39.8514

Rectangle

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



23.5880, 18.5676, 18.5603



20.8208, 18.5676, 9.8729



12.7996, 18.5676, 21.9694



14.8150, 18.5676, 36.0393

Sweetspot

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



23.5885, 18.5685, 18.5607



57.1431, 55.8729, 60.3334



24.3635, 18.5198, 38.8498



12.6084, 12.2281, 13.1855



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.



23.5885, 18.5685, 18.5607



38.8576, 28.2366, 26.6940



24.7000, 22.0619, 15.0143



7.5973, 7.5688, 8.1967



12.4707, 6.3970, 2.0241



0.3217, 0.1630, 0.1456

Inverse Universe

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



23.5885, 18.5685, 18.5607



38.8576, 28.2366, 26.6940



22.9998, 27.0371, 40.5657



7.5973, 7.5688, 8.1967



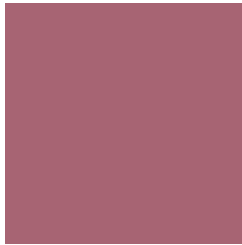
12.4707, 6.3970, 2.0241



0.3217, 0.1630, 0.1456

Previews

White Background



This preview shows how the XYZ color 23.5880, 18.5676, 18.5603 looks on a white background.

Color Contrast Check

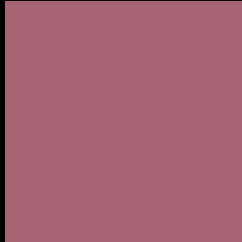
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5880, 18.5676, 18.5603 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 23.5880, 18.5676, 18.5603

Background



This preview shows how black text looks on a background with the XYZ color 23.5880, 18.5676, 18.5603.



This preview shows how white text looks on a background with the XYZ color 23.5880, 18.5676,

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

23.5880, 18.5676, 18.5603

Protanopia

18.1084, 18.6931, 22.3924

Deuteranopia

19.0015, 18.7290, 17.9428



Tritanopia

23.1399, 18.5185, 16.8228

Trichromacy



Original Color

23.5880, 18.5676, 18.5603

Protanomaly

19.6235, 18.3118, 20.9126

Deuteranomaly

20.4106, 18.4551, 18.1092

Tritanomaly

23.2488, 18.5620, 17.3964

Monochromacy



Original Color

23.5880, 18.5676, 18.5603

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.8283, 18.7698, 20.0306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5880, 18.5676, 18.5603 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, 100, 115)` looks like.

```
.text, #text, p{  
    color:rgb(167, 100, 115)  
}
```

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, 100, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 100, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.5880, 18.5676, 18.5603 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, 100, 115) }
```


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

```
.border{ border-color:rgb(167, 100, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 100, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 100, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 100, 115);  
box-shadow:4px 4px 4px 4px rgb(167, 100,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5880, 18.5676, 18.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 100, 115) }
```

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

```
.background{ background-color: rgb(167,  
100, 115) }
```

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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