

Converting Colors

XYZ(23.4277, 19.8526, 19.9213)

Have a look what the booklet for
XYZ(23.4277, 19.8526, 19.9213)
contains.

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Color

**XYZ(23.4964, 19.8463,
20.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	A16D77
RGB	161, 109, 119
RGB Percent	63%, 43%, 47%
CMY	0.3686, 0.5725, 0.5333
CMYK	0.00, 0.32, 0.26, 0.37
HSL	348°, 22%, 53%
HSV	348°, 32%, 63%
XYZ	23.4964, 19.8463, 20.0451
YIQ	125.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

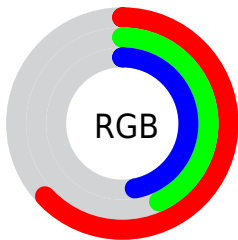
Format	Color
RYB	161, 109, 119
Decimal	10579319
CIELab	51.66, 22.15, 2.89
CIELCh	52, 22.340, 7.421
Yxy	19.8463, 0.3707, 0.3131
Android (android.graphics.Color)	4288769399 (0xFFA16D77)
YUV	125.6880, -3.2972, 30.9686
Hunter-Lab	44.5492, 16.1845, 4.5066

Details

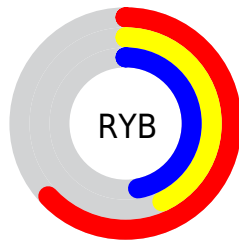
The XYZ color **23.4964, 19.8463, 20.0451** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6384, 30.9759, 33.9602**, and the grayscale version is **19.7301, 20.7575, 22.6050**.

A 20% lighter version of the original color is **48.7108, 43.1817, 44.2956**, and **8.9904, 6.9806, 6.8348** is the 20% darker color. If you saturate the color by 10%, you get **21.2053, 16.4295, 15.6882**, and if you desaturate by 10%, it is **26.2101, 23.9369, 25.0706**.

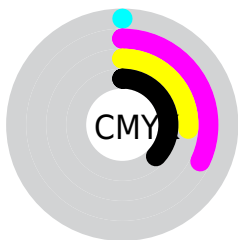
Distribution



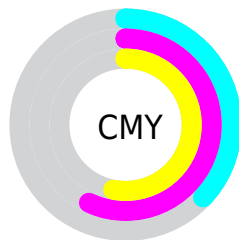
- Red (63%)
- Green (43%)
- Blue (47%)



- Red (63%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4964, 19.8463, 20.0451 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 23.4964, 19.8463, 20.0451 by changing the saturation by 10% instead.


 23.4964, 19.8463,
20.0451


 23.4964, 19.8463,
20.0451


262.7524,
251.0818, 264.7715


 15.0832, 12.2834,
12.2434


 48.6678, 43.1593,
44.3527


 8.9645, 6.9370,
6.7851


 66.1567, 59.6782,
61.6958

 4.7749, 3.4227,
3.2517

 87.4016, 79.9513,
83.0564

 2.1492, 1.3562,
1.2245

 112.7677,
104.3628, 108.8531

 0.7158, 0.1841,
0.0000

142.6205,
133.2972, 139.5044

 0.0000, 0.0000,
0.0000

177.3254,

167.1389, 175.4289

217.2475,
206.2723, 217.0451

■ 23.4964, 19.8463,
20.0451

■ 23.4964, 19.8463,
20.0451

■ 21.2053, 16.4295,
15.6882

■ 26.2101, 23.9369,
25.0706

■ 19.3136, 13.6477,
11.9702

■ 29.3647, 28.7318,
30.7903

■ 17.7985, 11.4621,
8.8612


■ 32.9794, 34.2633,
37.2298


■ 16.6340, 9.8288,
6.3278


■ 37.0718, 40.5606,
44.4130


■ 15.7907, 8.6979,
4.3338


■ 41.6586, 47.6515,
52.3628


 15.2342, 8.0099,
2.8384

 46.7556, 55.5621,
61.1011

 14.9447, 7.6758,
1.9870

 52.3780, 64.3177,
70.6489

 58.5402, 73.9423,
81.0262

 65.2562, 84.4589,
92.2527

Harmonies

Analogous

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



23.1555, 19.8463, 26.7347



23.4964, 19.8463, 20.0451



22.5195, 19.8463, 14.9093

Triad

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



23.4964, 19.8463, 20.0451



16.3500, 19.8463, 13.1735



17.2475, 19.8463, 35.2181

Complementary

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



23.4964, 19.8463, 20.0451



24.6384, 30.9759, 33.9602

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.



15.6260, 19.8463, 30.0648



23.4964, 19.8463, 20.0451



15.1373, 19.8463, 17.1847

Square

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



23.4964, 19.8463, 20.0451



18.3089, 19.8463, 11.4887



14.8832, 19.8463, 23.2527



19.4288, 19.8463, 36.4049

Rectangle

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



23.4964, 19.8463, 20.0451



21.2949, 19.8463, 12.7456



14.8832, 19.8463, 23.2527



16.6242, 19.8463, 33.8488

Sweetspot

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



23.4969, 19.8472, 20.0455



53.8844, 53.4327, 57.4648



24.5908, 20.0526, 36.2929



11.6396, 11.4467, 12.2838



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.4969, 19.8472, 20.0455



38.9588, 30.8815, 29.9851



24.7420, 23.2483, 17.6525



7.1268, 7.1072, 7.6544



11.9478, 6.1352, 1.6496



0.2655, 0.1347, 0.1106

Inverse Universe

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



23.4969, 19.8472, 20.0455



38.9588, 30.8815, 29.9851



22.9271, 26.1985, 37.5668



7.1268, 7.1072, 7.6544



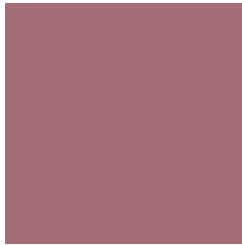
11.9478, 6.1352, 1.6496



0.2655, 0.1347, 0.1106

Previews

White Background



This preview shows how the XYZ color 23.4964, 19.8463, 20.0451 looks on a white background.

Color Contrast Check

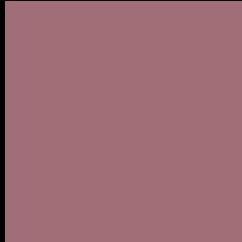
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4964, 19.8463, 20.0451 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 23.4964, 19.8463, 20.0451

Background



This preview shows how black text looks on a background with the XYZ color 23.4964, 19.8463, 20.0451.



This preview shows how white text looks on a background with the XYZ color 23.4964, 19.8463,

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

23.4964, 19.8463, 20.0451

Protanopia

19.3712, 20.0582, 22.9293

Deuteranopia

20.2889, 19.8813, 19.5977



Tritanopia

23.4366, 19.8224, 19.7304

Trichromacy



Original Color

23.4964, 19.8463, 20.0451

Protanomaly

20.5978, 19.8154, 21.8079

Deuteranomaly

21.2548, 19.6805, 19.8180

Tritanomaly

23.4366, 19.8224, 19.7304

Monochromacy



Original Color

23.4964, 19.8463, 20.0451

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9391, 20.3520, 21.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4964, 19.8463, 20.0451 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(161, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 109, 119)  
}
```

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(161, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.4964, 19.8463, 20.0451 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(161, 109, 119) }
```


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

```
.border{ border-color:rgb(161, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4964, 19.8463, 20.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 109, 119) }
```

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

```
.background{ background-color: rgb(161,  
109, 119) }
```

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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