

Converting Colors

XYZ(24.5144, 18.7396, 19.8705)

Have a look what the booklet for
XYZ(24.5144, 18.7396, 19.8705)
contains.

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Color

**XYZ(24.4920, 18.7252,
19.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6277
RGB	171, 98, 119
RGB Percent	67%, 38%, 47%
CMY	0.3294, 0.6157, 0.5333
CMYK	0.00, 0.43, 0.30, 0.33
HSL	343°, 30%, 53%
HSV	343°, 43%, 67%
XYZ	24.4920, 18.7252, 19.7762
YIQ	122.2210, 36.7670, 22.0070

Conversions

Conversions Part 2

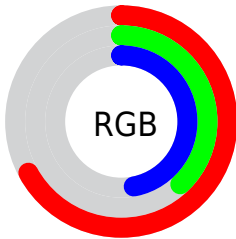
Format	Color
R_{YB}	171, 98, 119
Decimal	11231863
CIE _{Lab}	50.36, 32.12, 1.16
CIE _{LCh}	50, 32.143, 2.063
Yxy	18.7252, 0.3888, 0.2973
Android (android.graphics.Color)	4289421943 (0xFFAB6277)
YUV	122.2210, -1.5880, 42.7792
Hunter-Lab	43.2726, 25.3026, 3.1945

Details

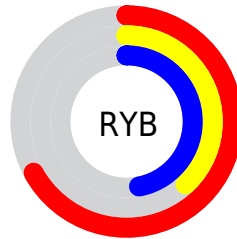
The XYZ color **24.4920, 18.7252, 19.7762** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1058, 33.9249, 34.0809**, and the grayscale version is **18.5680, 19.5350, 21.2736**.

A 20% lighter version of the original color is **50.2519, 41.2469, 43.8410**, and **9.4381, 6.3646, 6.6923** is the 20% darker color. If you saturate the color by 10%, you get **22.3743, 15.5864, 15.6893**, and if you desaturate by 10%, it is **27.0464, 22.5869, 24.4717**.

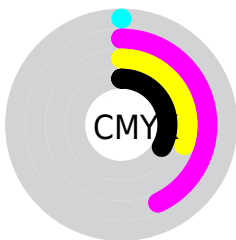
Distribution



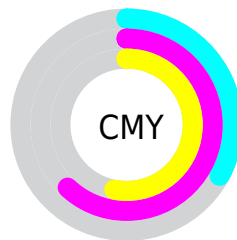
- Red (67%)
- Green (38%)
- Blue (47%)



- Red (67%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (43%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4920, 18.7252, 19.7762 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 24.4920, 18.7252, 19.7762 by changing the saturation by 10% instead.


 24.4920, 18.7252,
19.7762


 24.4920, 18.7252,
19.7762


267.6931,
244.9275, 263.2650


 15.8257, 11.4719,
12.0500


 50.2807, 41.2692,
43.8957

 9.4910, 6.3852,
6.6548


 68.1339, 57.3287,
61.1260

 5.1224, 3.0807,
3.1720

 89.7800, 77.0924,
82.3615

 2.3548, 1.1740,
1.1831

 115.5845,
100.9447, 108.0207

 0.8225, 0.0403,
0.0000

145.9127,
129.2700, 138.5221

 0.0000, 0.0000,
0.0000

181.1300,

162.4526, 174.2843

221.6016,
200.8769, 215.7257

■ 24.4920, 18.7252,
19.7762

■ 24.4920, 18.7252,
19.7762

■ 22.3743, 15.5864,
15.6893

■ 27.0464, 22.5869,
24.4717

■ 20.6661, 13.1224,
12.1840

■ 30.0592, 27.2103,
29.7991

■ 19.3397, 11.2836,
9.2326


■ 33.5526, 32.6343,
35.7815


■ 18.3631, 10.0123,
6.8046


■ 37.5469, 38.8947,
42.4408


■ 17.6983, 9.2397,
4.8661


■ 42.0612, 46.0251,
49.7978

 17.3529, 8.8812,
3.7259

 47.1135, 54.0569,
57.8720

 52.7211, 63.0204,
66.6827

 58.9003, 72.9442,
76.2481

 65.6669, 83.8556,
86.5858

Harmonies

Analogous

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



23.6418, 18.7252, 29.5445



24.4920, 18.7252, 19.7762



23.3818, 18.7252, 12.5598

Triad

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



24.4920, 18.7252, 19.7762



14.7990, 18.7252, 9.0185



15.1323, 18.7252, 39.6479

Complementary

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



24.4920, 18.7252, 19.7762



25.1058, 33.9249, 34.0809

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.



13.1821, 18.7252, 30.9379



24.4920, 18.7252, 19.7762



13.0060, 18.7252, 13.3515

Square

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



24.4920, 18.7252, 19.7762



17.5826, 18.7252, 7.5867



12.4501, 18.7252, 21.0134



18.0146, 18.7252, 42.8317

Rectangle

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



24.4920, 18.7252, 19.7762



21.7470, 18.7252, 9.6176



12.4501, 18.7252, 21.0134



14.3581, 18.7252, 37.1645

Sweetspot

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



24.4925, 18.7261, 19.7766



59.7289, 57.8815, 63.4708



24.1318, 18.0756, 40.7451



13.0042, 12.4162, 13.6190



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.4925, 18.7261, 19.7766



40.3420, 28.3112, 28.6354



24.8604, 21.2619, 14.3501



8.0964, 8.0518, 8.8187



13.1017, 6.7032, 2.9153



0.3884, 0.1960, 0.2069

Inverse Universe

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



24.4925, 18.7261, 19.7766



40.3420, 28.3112, 28.6354



24.3441, 29.4489, 42.9292



8.0964, 8.0518, 8.8187



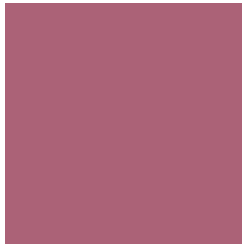
13.1017, 6.7032, 2.9153



0.3884, 0.1960, 0.2069

Previews

White Background



This preview shows how the XYZ color 24.4920, 18.7252, 19.7762 looks on a white background.

Color Contrast Check

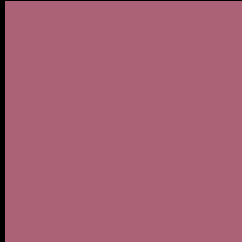
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4920, 18.7252, 19.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

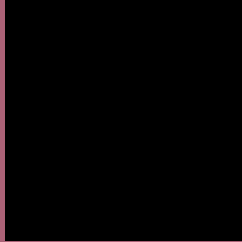
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4920, 18.7252, 19.7762

Background



This preview shows how black text looks on a background with the XYZ color 24.4920, 18.7252, 19.7762.



This preview shows how white text looks on a background with the XYZ color 24.4920, 18.7252,

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

24.4920, 18.7252, 19.7762

Protanopia

18.4891, 19.0208, 24.5267

Deuteranopia

19.2293, 18.8201, 19.1421



Tritanopia

23.7886, 18.7219, 16.2698

Trichromacy



Original Color

24.4920, 18.7252, 19.7762

Protanomaly

20.1062, 18.5239, 22.5944

Deuteranomaly

20.7121, 18.4247, 19.2943

Tritanomaly

23.9086, 18.6174, 17.3723

Monochromacy



Original Color

24.4920, 18.7252, 19.7762

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.1715, 18.7662, 20.6482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4920, 18.7252, 19.7762 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(171, 98, 119)` looks like.

```
.text, #text, p{  
    color:rgb(171, 98, 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(171, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 98, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.4920, 18.7252, 19.7762 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(171, 98, 119) }
```


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

```
.border{ border-color:rgb(171, 98, 119) }
```

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

Here you see how a box with a 4 pixel rgb(171, 98, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 98, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 98, 119);  
box-shadow:4px 4px 4px 4px rgb(171, 98,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4920, 18.7252, 19.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 98, 119) }
```

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

```
.background{ background-color: rgb(171, 98,  
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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