

Converting Colors

XYZ(24.3167, 19.7748, 20.0548)

Have a look what the booklet for
XYZ(24.3167, 19.7748, 20.0548)
contains.

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Color

**XYZ(24.4202, 19.8555,
19.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	A76A77
RGB	167, 106, 119
RGB Percent	65%, 42%, 47%
CMY	0.3451, 0.5843, 0.5333
CMYK	0.00, 0.37, 0.29, 0.35
HSL	347°, 26%, 54%
HSV	347°, 37%, 65%
XYZ	24.4202, 19.8555, 19.9982
YIQ	125.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

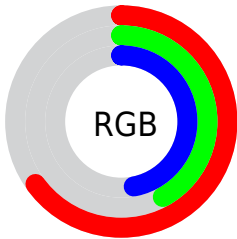
Format	Color
R_{YB}	167, 106, 119
Decimal	10971767
CIE _{Lab}	51.67, 26.17, 2.99
CIE _{LCh}	52, 26.338, 6.524
Yxy	19.8555, 0.3799, 0.3089
Android (android.graphics.Color)	4289161847 (0xFFA76A77)
YUV	125.7210, -3.3135, 36.2017
Hunter-Lab	44.5595, 19.8452, 4.5824

Details

The XYZ color **24.4202, 19.8555, 19.9982** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5962, 33.0352, 35.6010**, and the grayscale version is **19.7403, 20.7683, 22.6167**.

A 20% lighter version of the original color is **50.0090, 43.0820, 44.2080**, and **9.4105, 6.8919, 6.7955** is the 20% darker color. If you saturate the color by 10%, you get **22.1284, 16.4487, 15.6059**, and if you desaturate by 10%, it is **27.1574, 23.9781, 25.0779**.

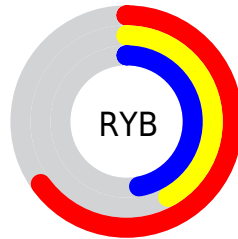
Distribution



Red (65%)

Green (42%)

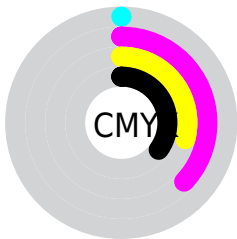
Blue (47%)



Red (65%)

Yellow (42%)

Blue (47%)

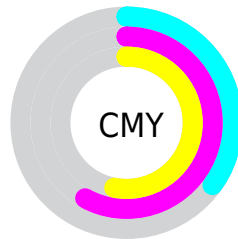


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4202, 19.8555, 19.9982 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 24.4202, 19.8555, 19.9982 by changing the saturation by 10% instead.


 24.4202, 19.8555,
19.9982


 24.4202, 19.8555,
19.9982


267.3393,
251.1318, 264.5093


 15.7720, 12.2900,
12.2097


 50.1647, 43.1748,
44.2731

 9.4528, 6.9415,
6.7624


 67.9918, 59.6974,
61.5965

 5.0972, 3.4256,
3.2377

 89.6093, 79.9746,
82.9354

 2.3397, 1.3577,
1.2173

 115.3824,
104.3906, 108.7081

 0.8149, 0.1853,
0.0000

145.6767,
133.3300, 139.3334

 0.0000, 0.0000,
0.0000

180.8573,

167.1770, 175.2296

221.2897,
206.3161, 216.8154

■ 24.4202, 19.8555,
19.9982

■ 24.4202, 19.8555,
19.9982

■ 22.1284, 16.4487,
15.6059

■ 27.1574, 23.9781,
25.0779

■ 20.2563, 13.7141,
11.8699

■ 30.3605, 28.8513,
30.8719

■ 18.7783, 11.6075,
8.7582


■ 34.0508, 34.5109,
37.4070


■ 17.6649, 10.0785,
6.2359


■ 38.2475, 40.9898,
44.7085


■ 16.8824, 9.0686,
4.2641

■ 42.9691, 48.3188,
52.8002


 16.3850, 8.4958,
2.7972

 48.2330, 56.5271,
61.7050

 16.2485, 8.3404,
2.3893

 54.0557, 65.6428,
71.4448

 60.4531, 75.6924,
82.0409

 67.0230, 85.8661,
93.3743

Harmonies

Analogous

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



23.9600, 19.8555, 27.9917



24.4202, 19.8555, 19.9982



23.2854, 19.8555, 14.0241

Triad

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



24.4202, 19.8555, 19.9982



15.9902, 19.8555, 11.8592



16.9080, 19.8555, 38.0200

Complementary

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



24.4202, 19.8555, 19.9982



25.5962, 33.0352, 35.6010

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.



15.0549, 19.8555, 31.5556



24.4202, 19.8555, 19.9982



14.5608, 19.8555, 16.2957

Square

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



24.4202, 19.8555, 19.9982



18.2972, 19.8555, 10.0919



14.2351, 19.8555, 23.3256



19.4588, 19.8555, 39.6709

Rectangle

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



24.4202, 19.8555, 19.9982



21.8346, 19.8555, 11.5625



14.2351, 19.8555, 23.3256



16.1904, 19.8555, 36.2746

Sweetspot

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



24.4207, 19.8565, 19.9986



57.7821, 56.8891, 61.3538



25.4150, 19.9479, 39.0702



12.7400, 12.4385, 13.3921



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.



24.4207, 19.8565, 19.9986



40.2847, 30.4247, 29.2227



25.6567, 23.4934, 16.8193



7.5941, 7.5675, 8.1797



12.4488, 6.3882, 1.9090



0.3205, 0.1625, 0.1393

Inverse Universe

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



24.4207, 19.8565, 19.9986



40.2847, 30.4247, 29.2227



23.7809, 27.5773, 40.6290



7.5941, 7.5675, 8.1797



12.4488, 6.3882, 1.9090



0.3205, 0.1625, 0.1393

Previews

White Background



This preview shows how the XYZ color 24.4202, 19.8555, 19.9982 looks on a white background.

Color Contrast Check

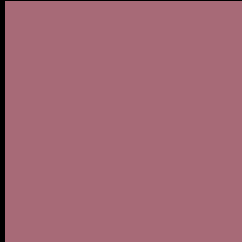
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4202, 19.8555, 19.9982 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 24.4202, 19.8555, 19.9982

Background



This preview shows how black text looks on a background with the XYZ color 24.4202, 19.8555, 19.9982.



This preview shows how white text looks on a background with the XYZ color 24.4202, 19.8555,

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

24.4202, 19.8555, 19.9982

Protanopia

19.3576, 20.0360, 23.6160

Deuteranopia

20.2889, 19.8813, 19.5977



Tritanopia

24.2886, 19.9687, 18.7939

Trichromacy



Original Color

24.4202, 19.8555, 19.9982

Protanomaly

20.8782, 19.7787, 22.1193

Deuteranomaly

21.6818, 19.7322, 19.8055

Tritanomaly

24.3464, 19.9918, 19.0986

Monochromacy



Original Color

24.4202, 19.8555, 19.9982

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.1565, 20.2864, 21.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4202, 19.8555, 19.9982 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, 106, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 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(167, 106, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.4202, 19.8555, 19.9982 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, 106, 119) }
```


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

```
.border{ border-color:rgb(167, 106, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 106, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4202, 19.8555, 19.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 119) }
```

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

```
.background{ background-color: rgb(167,  
106, 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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