

Converting Colors

XYZ(25.0688, 19.6583, 19.3563)

Have a look what the booklet for
XYZ(25.0688, 19.6583, 19.3563)
contains.

XYZ(24.9755, 19.5578, 19.2883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.9755, 19.5578,
19.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6675
RGB	172, 102, 117
RGB Percent	67%, 40%, 46%
CMY	0.3255, 0.6000, 0.5412
CMYK	0.00, 0.41, 0.32, 0.33
HSL	347°, 30%, 54%
HSV	347°, 41%, 67%
XYZ	24.9755, 19.5578, 19.2883
YIQ	124.6400, 36.9050, 19.5050

Conversions

Conversions Part 2

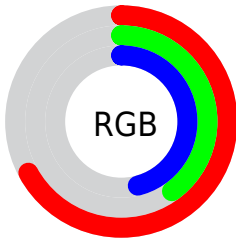
Format	Color
R_{YB}	172, 102, 117
Decimal	11298421
CIE _{Lab}	51.33, 30.02, 3.77
CIE _{LCh}	51, 30.259, 7.153
Yxy	19.5578, 0.3913, 0.3064
Android (android.graphics.Color)	4289488501 (0xFFAC6675)
YUV	124.6400, -3.7665, 41.5347
Hunter-Lab	44.2242, 23.4150, 5.0977

Details

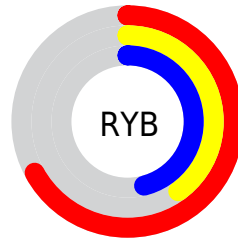
The XYZ color **24.9755, 19.5578, 19.2883** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3187, 34.7646, 37.2233**, and the grayscale version is **19.3762, 20.3853, 22.1995**.

A 20% lighter version of the original color is **51.0301, 42.6338, 43.0757**, and **9.6834, 6.7578, 6.4242** is the 20% darker color. If you saturate the color by 10%, you get **22.7190, 16.2260, 14.8947**, and if you desaturate by 10%, it is **27.6985, 23.6388, 24.4039**.

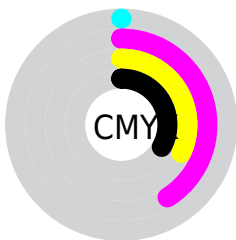
Distribution



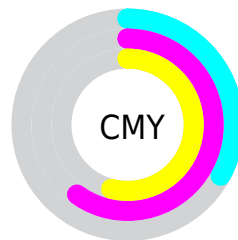
- Red (67%)
- Green (40%)
- Blue (46%)



- Red (67%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9755, 19.5578, 19.2883 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 24.9755, 19.5578, 19.2883 by changing the saturation by 10% instead.

■ 24.9755, 19.5578,
19.2883

■ 24.9755, 19.5578,
19.2883

270.0658,
249.5111, 260.5113

■ 16.1874, 12.0740,
11.6999

■ 51.0607, 42.6745,
43.0639

■ 9.7486, 6.7941,
6.4196

■ 69.0885, 59.0763,
60.0881

■ 5.2936, 3.3337,
3.0290

■ 90.9269, 79.2195,
81.0946

■ 2.4570, 1.3083,
1.1095

■ 116.9413,
103.4886, 106.5020

■ 0.8736, 0.1476,
0.0000

147.4970,
132.2678, 136.7289

■ 0.0000, 0.0000,
0.0000

182.9594,

165.9418, 172.1937

223.6939,
204.8947, 213.3150

■ 24.9755, 19.5578,
19.2883

■ 24.9755, 19.5578,
19.2883

■ 22.7190, 16.2260,
14.8947

■ 27.6985, 23.6388,
24.4039

■ 20.9008, 13.5950,
11.1888

■ 30.9110, 28.5078,
30.2713

■ 19.4916, 11.6148,
8.1354


■ 34.6363, 34.2047,
36.9199


■ 18.4583, 10.2280,
5.6952


■ 38.8958, 40.7655,
44.3771


■ 17.7620, 9.3667,
3.8248


■ 43.7098, 48.2241,
52.6691

 17.3448, 8.9033,
2.5422

 49.0972, 56.6129,
61.8209

 55.0763, 65.9622,
71.8564

 61.6643, 76.3014,
82.7985

 68.2995, 86.5012,
94.4766

Harmonies

Analogous

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



24.4785, 19.5578, 28.4369



24.9755, 19.5578, 19.2883



23.6190, 19.5578, 12.7385

Triad

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



24.9755, 19.5578, 19.2883



15.2941, 19.5578, 10.5895



16.4217, 19.5578, 40.6214

Complementary

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



24.9755, 19.5578, 19.2883



26.3187, 34.7646, 37.2233

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.



14.3294, 19.5578, 33.0179



24.9755, 19.5578, 19.2883



13.7293, 19.5578, 15.4619

Square

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



24.9755, 19.5578, 19.2883



17.8745, 19.5578, 8.6776



13.3963, 19.5578, 23.4365



19.3225, 19.5578, 42.4585

Rectangle

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



24.9755, 19.5578, 19.2883



21.9245, 19.5578, 10.1455



13.3963, 19.5578, 23.4365



15.6104, 19.5578, 38.5714

Sweetspot

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



24.9760, 19.5588, 19.2887



61.7464, 60.3818, 65.0511



26.0706, 19.6337, 41.4453



13.2288, 12.8310, 13.7998



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.



24.9760, 19.5588, 19.2887



41.5196, 29.8813, 27.6245



26.3513, 23.6091, 15.7398



8.0729, 8.0424, 8.6945



12.9245, 6.6324, 1.9821



0.3791, 0.1923, 0.1583

Inverse Universe

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



24.9760, 19.5588, 19.2887



41.5196, 29.8813, 27.6245



24.1820, 28.3147, 43.2204



8.0729, 8.0424, 8.6945



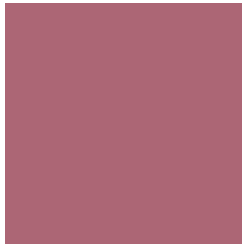
12.9245, 6.6324, 1.9821



0.3791, 0.1923, 0.1583

Previews

White Background



This preview shows how the XYZ color 24.9755, 19.5578, 19.2883 looks on a white background.

Color Contrast Check

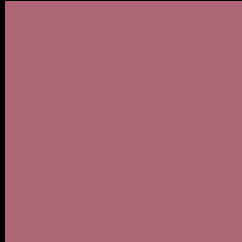
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9755, 19.5578, 19.2883 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 24.9755, 19.5578, 19.2883

Background



This preview shows how black text looks on a background with the XYZ color 24.9755, 19.5578, 19.2883.



This preview shows how white text looks on a background with the XYZ color 24.9755, 19.5578,

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

24.9755, 19.5578, 19.2883

Protanopia

19.0242, 19.6885, 23.2197

Deuteranopia

19.9969, 19.5750, 18.6440



Tritanopia

24.5141, 19.5061, 17.5120

Trichromacy



Original Color

24.9755, 19.5578, 19.2883

Protanomaly

20.7533, 19.3794, 21.7156

Deuteranomaly

21.4664, 19.3102, 18.8155

Tritanomaly

24.6255, 19.5507, 18.0985

Monochromacy



Original Color

24.9755, 19.5578, 19.2883

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0295, 19.8785, 21.1409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9755, 19.5578, 19.2883 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(172, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(172, 102, 117)  
}
```

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(172, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 102, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.9755, 19.5578, 19.2883 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(172, 102, 117) }
```


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

```
.border{ border-color:rgb(172, 102, 117) }
```

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

Here you see how a box with a 4 pixel rgb(172, 102, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 102, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 102, 117);  
box-shadow:4px 4px 4px 4px rgb(172, 102,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9755, 19.5578, 19.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 102, 117) }
```

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

```
.background{ background-color: rgb(172,  
102, 117) }
```

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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