

Converting Colors

XYZ(24.2585, 22.3573, 24.8589)

Have a look what the booklet for
XYZ(24.2585, 22.3573, 24.8589)
contains.

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Color

**XYZ(24.2613, 22.3573,
24.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	997A84
RGB	153, 122, 132
RGB Percent	60%, 48%, 52%
CMY	0.4000, 0.5216, 0.4823
CMYK	0.00, 0.20, 0.14, 0.40
HSL	341°, 13%, 54%
HSV	341°, 20%, 60%
XYZ	24.2613, 22.3573, 24.8665
YIQ	132.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

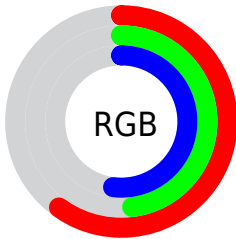
Format	Color
R _Y B	153, 122, 132
Decimal	10058372
CIE Lab	54.40, 13.71, -0.86
CIE LCh	54, 13.734, 356.395
Yxy	22.3573, 0.3394, 0.3128
Android (android.graphics.Color)	4288248452 (0xFF997A84)
YUV	132.4090, -0.2016, 18.0583
Hunter-Lab	47.2835, 8.8427, 1.9177

Details

The XYZ color $[24.2613, 22.3573, 24.8665]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[24.3761, 28.9039, 30.2823]$, and the grayscale version is $[22.0772, 23.2269, 25.2941]$.

A 20% lighter version of the original color is $[50.0994, 47.5726, 52.4409]$, and $[9.4234, 8.2144, 9.2725]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.8542, 18.6222, 20.7368]$, and if you desaturate by 10%, it is $[27.0360, 26.7142, 29.4671]$.

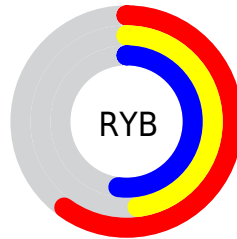
Distribution



Red (60%)

Green (48%)

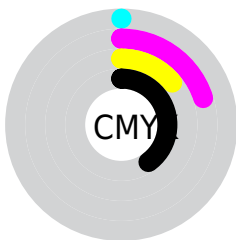
Blue (52%)



Red (60%)

Yellow (48%)

Blue (52%)

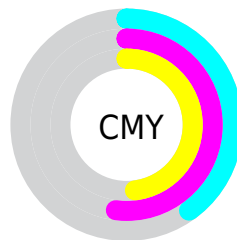


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2613, 22.3573, 24.8665 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 24.2613, 22.3573, 24.8665 by changing the saturation by 10% instead.

■ 24.2613, 22.3573,
24.8665

■ 24.2613, 22.3573,
24.8665

266.5549,
264.4065, 290.5988

■ 15.6534, 14.1197,
15.7595

■ 49.9078, 47.3358,
52.4020

■ 9.3685, 8.2039,
9.2016

■ 67.6772, 64.8455,
71.6676

■ 5.0413, 4.2257,
4.7743

■ 89.2310, 86.2147,
95.1564

■ 2.3065, 1.8006,
2.0591

114.9346,
111.8277, 123.2871

■ 0.7980, 0.4876,
0.5912

145.1535,
142.0691, 156.4782

■ 0.0000, 0.0000,
0.0000

180.2529,

177.3230, 195.1481

220.5983,
217.9741, 239.7155

■ 24.2613, 22.3573,
24.8665

■ 24.2613, 22.3573,
24.8665

■ 21.8542, 18.6222,
20.7368

■ 27.0360, 26.7142,
29.4671

■ 19.7968, 15.4774,
17.0610

■ 30.1912, 31.7164,
34.5516

■ 18.0729, 12.8932,
13.8235

■ 33.7415, 37.3900,
40.1347

■ 16.6638, 10.8363,
11.0069

■ 37.7003, 43.7586,
46.2296

■ 15.5491, 9.2695,
8.5928

■ 42.0803, 50.8449,
52.8492

■ 14.7059, 8.1510,
6.5609

■ 46.8934, 58.6702,
60.0060

■ 14.1074, 7.4317,
4.8890

■ 52.1515, 67.2552,
67.7119

■ 13.6988, 6.9971,
3.5728

■ 57.8656, 76.6198,
75.9784

■ 62.5273, 83.7445,
84.3106

Harmonies

Analogous

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



23.7445, 22.3573, 29.2086



24.2613, 22.3573, 24.8665



23.9404, 22.3573, 20.8517

Triad

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



24.2613, 22.3573, 24.8665



19.9930, 22.3573, 17.6668



19.6928, 22.3573, 31.8938

Complementary

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



24.2613, 22.3573, 24.8665



24.3761, 28.9039, 30.2823

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.



18.7690, 22.3573, 28.2044



24.2613, 22.3573, 24.8665



18.9365, 22.3573, 20.0507

Square

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



24.2613, 22.3573, 24.8665



21.4319, 22.3573, 16.9931



18.4987, 22.3573, 23.8275



21.0691, 22.3573, 33.5557

Rectangle

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



24.2613, 22.3573, 24.8665



23.3025, 22.3573, 18.8370



18.4987, 22.3573, 23.8275



19.3216, 22.3573, 30.8299

Sweetspot

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



24.2619, 22.3583, 24.8670



50.6734, 51.4081, 56.4355



23.9802, 22.0300, 33.1257



11.1180, 11.2387, 12.3464



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2619, 22.3583, 24.8670



41.5541, 37.0883, 41.3149



24.2614, 23.4003, 21.6515



6.2868, 6.2539, 6.8905



11.3356, 5.7885, 3.0261



0.1848, 0.0927, 0.1262

Inverse Universe

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



24.2619, 22.3583, 24.8670



41.5541, 37.0883, 41.3149



24.3404, 27.5658, 34.1752



6.2868, 6.2539, 6.8905



11.3356, 5.7885, 3.0261



0.1848, 0.0927, 0.1262

Previews

White Background



This preview shows how the XYZ color 24.2613, 22.3573, 24.8665 looks on a white background.

Color Contrast Check

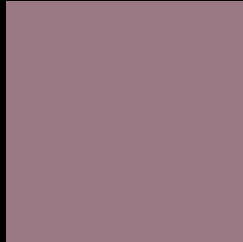
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2613, 22.3573, 24.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

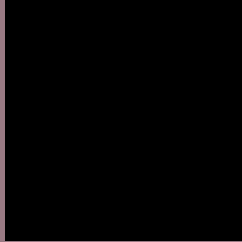
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2613, 22.3573, 24.8665

Background



This preview shows how black text looks on a background with the XYZ color 24.2613, 22.3573, 24.8665.



This preview shows how white text looks on a background with the XYZ color 24.2613, 22.3573,

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

24.2613, 22.3573, 24.8665

Protanopia

21.7866, 22.5681, 26.5004

Deuteranopia

22.7129, 22.3112, 24.5821



Tritanopia

24.2613, 22.3573, 24.8665

Trichromacy



Original Color

24.2613, 22.3573, 24.8665

Protanomaly

22.6100, 22.4170, 26.0569

Deuteranomaly

23.2844, 22.4169, 24.5724

Tritanomaly

24.2613, 22.3573, 24.8665

Monochromacy



Original Color

24.2613, 22.3573, 24.8665

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6992, 22.6797, 25.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2613, 22.3573, 24.8665 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(153, 122, 132) looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 132)  
}
```

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(153, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.2613, 22.3573, 24.8665 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(153, 122, 132) }
```


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

```
.border{ border-color:rgb(153, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2613, 22.3573, 24.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 132) }
```

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

```
.background{ background-color: rgb(153,  
122, 132) }
```

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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