

Converting Colors

XYZ(27.5834, 24.4966, 22.3850)

Have a look what the booklet for
XYZ(27.5834, 24.4966, 22.3850)
contains.

XYZ(27.6403, 24.5285, 22.3464)	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(27.6403, 24.5285,
22.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7C7C
RGB	171, 124, 124
RGB Percent	67%, 49%, 49%
CMY	0.3294, 0.5137, 0.5137
CMYK	0.00, 0.27, 0.27, 0.33
HSL	0°, 22%, 58%
HSV	0°, 27%, 67%
XYZ	27.6403, 24.5285, 22.3464
YIQ	138.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

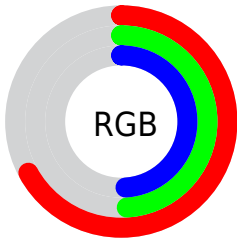
Format	Color
R _Y B	171, 124, 124
Decimal	11238524
CIE Lab	56.61, 18.27, 7.22
CIE LCh	57, 19.650, 21.566
Yxy	24.5285, 0.3709, 0.3292
Android (android.graphics.Color)	4289428604 (0xFFAB7C7C)
YUV	138.0530, -6.9281, 28.8945
Hunter-Lab	49.5263, 12.9488, 7.9165

Details

The XYZ color **27.6403, 24.5285, 22.3464** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2252, 36.3498, 43.9513**, and the grayscale version is **24.1964, 25.4565, 27.7221**.

A 20% lighter version of the original color is **55.2372, 50.9098, 47.9895**, and **11.2573, 9.3917, 7.8761** is the 20% darker color. If you saturate the color by 10%, you get **24.6911, 20.2132, 16.4827**, and if you desaturate by 10%, it is **31.1499, 29.6642, 29.3226**.

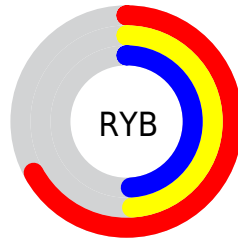
Distribution



Red (67%)

Green (49%)

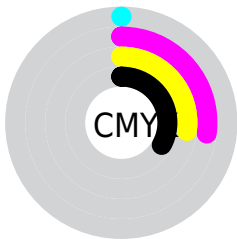
Blue (49%)



Red (67%)

Yellow (49%)

Blue (49%)

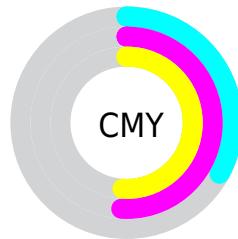


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6403, 24.5285, 22.3464 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 27.6403, 24.5285, 22.3464 by changing the saturation by 10% instead.

■ 27.6403, 24.5285,
22.3464

■ 27.6403, 24.5285,
22.3464

282.8555,
275.4816, 277.3622

■ 18.1938, 15.7261,
13.9109

■ 55.3223, 50.8913,
48.2274

■ 11.1897, 9.3306,
7.9207

■ 74.2885, 69.2205,
66.5099

■ 6.2628, 4.9574,
3.9572

■ 97.1586, 91.4940,
88.9119

■ 3.0477, 2.2223,
1.6019

124.2980,
118.0964, 115.8519

■ 1.1790, 0.7321,
0.2922

156.0720,
149.4119, 147.7483

■ 0.0897, 0.0000,
0.0000

192.8460,

■ 0.0000, 0.0000,

185.8251, 185.0199

0.0000

234.9854,
227.7202, 228.0850

■ 27.6403, 24.5285,
22.3464

■ 27.6403, 24.5285,
22.3464

■ 24.6911, 20.2132,
16.4827

■ 31.1499, 29.6642,
29.3226

■ 22.2715, 16.6726,
11.6728

■ 35.2448, 35.6561,
37.4632

■ 20.3507, 13.8619,
7.8545

■ 39.9505, 42.5419,
46.8183

■ 18.8940, 11.7303,
4.9587

■ 45.2909, 50.3562,
57.4350

■ 17.8622, 10.2203,
2.9076

■ 51.2881, 59.1317,
69.3576

■ 17.2095, 9.2652,
1.6104

■ 57.9634, 68.8995,
82.6284

■ 16.8650, 8.7610,
0.9257

■ 65.3372, 79.6893,
97.2879

■ 16.7947, 8.6582,
0.7860

■ 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



27.9325, 24.5285, 28.5945



27.6403, 24.5285, 22.3464



26.1510, 24.5285, 18.0180

Triad

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



27.6403, 24.5285, 22.3464



20.0404, 24.5285, 19.6282



22.6755, 24.5285, 41.1783

Complementary

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



27.6403, 24.5285, 22.3464



30.2252, 36.3498, 43.9513

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.



20.6892, 24.5285, 37.8190



27.6403, 24.5285, 22.3464



19.2342, 24.5285, 24.9051

Square

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



27.6403, 24.5285, 22.3464



21.7365, 24.5285, 16.6362



19.4638, 24.5285, 31.6017



24.9652, 24.5285, 40.1927

Rectangle

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



27.6403, 24.5285, 22.3464



24.7298, 24.5285, 16.4653



19.4638, 24.5285, 31.6017



21.9525, 24.5285, 40.5023

Sweetspot

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



27.6410, 24.5296, 22.3469



62.6071, 63.1054, 66.0717



31.3530, 26.0137, 41.8967



13.7074, 13.7007, 14.2288



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.



27.6410, 24.5296, 22.3469



46.1658, 39.0472, 33.3868



30.9444, 31.1366, 23.4481



8.0053, 8.0155, 8.3386



12.6608, 6.5271, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



30.2252, 36.3498, 43.9513



51.5733, 63.7813, 78.5947



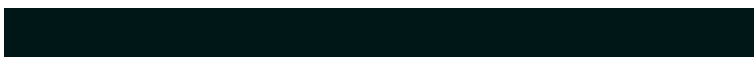
26.1747, 28.2488, 42.6011



8.2363, 9.0720, 10.2697



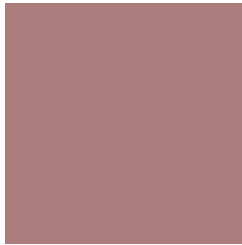
16.5177, 24.1692, 32.8391



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 27.6403, 24.5285, 22.3464 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 27.6403, 24.5285, 22.3464 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 27.6403, 24.5285, 22.3464

Background



This preview shows how black text looks on a background with the XYZ color 27.6403, 24.5285, 22.3464.



This preview shows how white text looks on a background with the XYZ color 27.6403, 24.5285,

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

27.6403, 24.5285, 22.3464

Protanopia

23.6486, 24.7955, 24.6587

Deuteranopia

25.0179, 24.5327, 22.1556



Tritanopia

28.2611, 24.6025, 25.0890

Trichromacy



Original Color

27.6403, 24.5285, 22.3464

Protanomaly

24.9100, 24.6404, 23.8652

Deuteranomaly

25.7915, 24.3420, 22.0780

Tritanomaly

28.0587, 24.5216, 24.0232

Monochromacy



Original Color

27.6403, 24.5285, 22.3464

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1988, 24.9525, 25.6785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6403, 24.5285, 22.3464 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, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(171, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.6403, 24.5285, 22.3464 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, 124, 124) }
```


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

```
.border{ border-color:rgb(171, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(171, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6403, 24.5285, 22.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 124, 124) }
```

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

```
.background{ background-color: rgb(171,  
124, 124) }
```

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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