

Converting Colors

XYZ(24.2252, 27.5569, 23.1110)

Have a look what the booklet for
XYZ(24.2252, 27.5569, 23.1110)
contains.

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Color

**XYZ(24.2252, 27.5569,
23.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	88937C
RGB	136, 147, 124
RGB Percent	53%, 58%, 49%
CMY	0.4667, 0.4235, 0.5137
CMYK	0.07, 0.00, 0.16, 0.42
HSL	89°, 10%, 53%
HSV	89°, 16%, 58%
XYZ	24.2252, 27.5569, 23.1110
YIQ	141.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

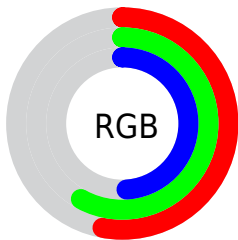
Format	Color
RYB	124, 147, 135
Decimal	8950652
CIELab	59.49, -8.36, 10.85
CIELCh	59, 13.692, 127.614
Yxy	27.5569, 0.3235, 0.3679
Android (android.graphics.Color)	4287140732 (0xFF88937C)
YUV	141.0890, -8.4249, -4.4631
Hunter-Lab	52.4947, -9.4916, 10.6436

Details

The XYZ color **24.2252, 27.5569, 23.1110** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4668, 21.6735, 30.6044**, and the grayscale version is **25.3848, 26.7067, 29.0836**.

A 20% lighter version of the original color is **49.8087, 55.7664, 49.7338**, and **9.2906, 10.8522, 8.2616** is the 20% darker color. If you saturate the color by 10%, you get **22.2595, 26.6439, 18.5227**, and if you desaturate by 10%, it is **26.4060, 28.5664, 28.4341**.

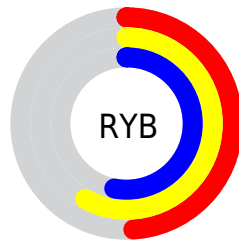
Distribution



Red (53%)

Green (58%)

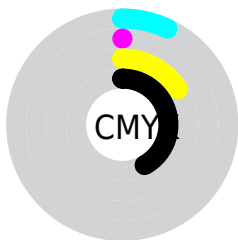
Blue (49%)



Red (49%)

Yellow (58%)

Blue (53%)

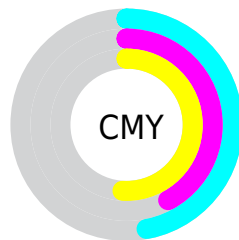


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2252, 27.5569, 23.1110 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 24.2252, 27.5569, 23.1110 by changing the saturation by 10% instead.

■ 24.2252, 27.5569,
23.1110

■ 24.2252, 27.5569,
23.1110

266.3764,
290.3435, 281.4350

■ 15.6264, 17.9919,
14.4694

■ 49.8494, 55.7762,
49.5010

■ 9.3493, 10.9442,
8.3054

■ 67.6056, 75.1994,
68.0866

■ 5.0287, 6.0293,
4.2004

■ 89.1449, 98.6773,
90.8238

■ 2.2990, 2.8629,
1.7359

114.8328,
126.5945, 118.1313

■ 0.7942, 1.0606,
0.3852

145.0345,
159.3353, 150.4277

■ 0.0000, 0.0000,
0.0000

180.1154,

197.2842, 188.1314

220.4410,
240.8254, 231.6610

■ 24.2252, 27.5569,
23.1110

■ 24.2252, 27.5569,
23.1110

■ 22.2595, 26.6439,
18.5227

■ 26.4060, 28.5664,
28.4341

■ 20.4990, 25.8205,
14.6350

■ 28.8067, 29.6718,
34.5203

■ 18.9365, 25.0847,
11.4139

■ 31.4349, 30.8772,
41.3988

■ 17.5634, 24.4328,
8.8218

■ 34.2970, 32.1852,
49.0968

■ 16.3702, 23.8608,
6.8172

■ 37.3991, 33.5985,
57.6400

■ 15.3465, 23.3644,
5.3540

■ 40.7472, 35.1196,
67.0530

■ 14.4806, 22.9387,
4.3787

■ 44.3470, 36.7510,
77.3596

■ 13.7565, 22.5771,
3.8165

■ 48.2040, 38.4950,
88.5825

■ 13.4698, 22.4334,
3.6201

■ 52.1128, 40.2695,
99.6339

Harmonies

Analogous

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



25.7563, 27.5569, 21.5630



24.2252, 27.5569, 23.1110



23.2520, 27.5569, 26.5408

Triad

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



24.2252, 27.5569, 23.1110



24.9528, 27.5569, 39.6406



29.6081, 27.5569, 28.7674

Complementary

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



24.2252, 27.5569, 23.1110



22.4668, 21.6735, 30.6044

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.



29.3700, 27.5569, 33.7578



24.2252, 27.5569, 23.1110



26.6326, 27.5569, 40.4042

Square

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



24.2252, 27.5569, 23.1110



23.6590, 27.5569, 36.1638



28.2625, 27.5569, 38.1489



28.8996, 27.5569, 24.5880

Rectangle

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



24.2252, 27.5569, 23.1110



23.0252, 27.5569, 29.6123



28.2625, 27.5569, 38.1489



29.6367, 27.5569, 30.4007

Sweetspot

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



24.2259, 27.5581, 23.1116



47.5110, 51.2592, 51.4768



24.2985, 24.9129, 22.5972



10.7858, 11.6737, 11.6018



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.2259, 27.5581, 23.1116



42.0208, 48.7180, 38.1606



22.4960, 26.6663, 23.0306



6.0009, 6.6083, 6.1997



11.7058, 19.4624, 3.1397



0.1773, 0.2558, 0.0400

Inverse Universe

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



22.4668, 21.6735, 30.6044



38.2160, 35.9901, 54.3672



24.3707, 22.6550, 30.6935



5.7476, 5.7609, 7.2788



6.8034, 2.9798, 24.1476



0.1170, 0.0538, 0.2971

Previews

White Background



This preview shows how the XYZ color 24.2252, 27.5569, 23.1110 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 24.2252, 27.5569, 23.1110 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

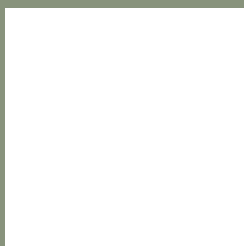
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2252, 27.5569, 23.1110

Background



This preview shows how black text looks on a background with the XYZ color 24.2252, 27.5569, 23.1110.



This preview shows how white text looks on a background with the XYZ color 24.2252, 27.5569,

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

24.2252, 27.5569, 23.1110

Protanopia

25.9130, 27.5341, 22.3612

Deuteranopia

27.9586, 27.4698, 23.5673



Tritanopia

26.6397, 27.6407, 34.5030

Trichromacy



Original Color

24.2252, 27.5569, 23.1110

Protanomaly

25.2255, 27.3963, 22.6974

Deuteranomaly

26.3634, 27.3027, 23.2825

Tritanomaly

25.5786, 27.4187, 29.9308

Monochromacy



Original Color

24.2252, 27.5569, 23.1110

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8431, 26.8832, 26.8013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2252, 27.5569, 23.1110 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(136, 147, 124) looks like.

```
.text, #text, p{  
    color:rgb(136, 147, 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(136, 147, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 147, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.2252, 27.5569, 23.1110 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(136, 147, 124) }
```


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

```
.border{ border-color:rgb(136, 147, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 147, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 147, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 147, 124);  
box-shadow:4px 4px 4px 4px rgb(136, 147,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2252, 27.5569, 23.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 147, 124) }
```

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

```
.background{ background-color: rgb(136,  
147, 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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