

Converting Colors

XYZ(24.8043, 24.7265, 27.7082)

Have a look what the booklet for
XYZ(24.8043, 24.7265, 27.7082)
contains.

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Color

**XYZ(24.9018, 24.7501,
27.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	92858B
RGB	146, 133, 139
RGB Percent	57%, 52%, 55%
CMY	0.4274, 0.4784, 0.4549
CMYK	0.00, 0.09, 0.05, 0.43
HSL	332°, 6%, 55%
HSV	332°, 9%, 57%
XYZ	24.9018, 24.7501, 27.8909
YIQ	137.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

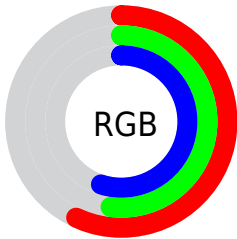
Format	Color
R_{YB}	146, 133, 139
Decimal	9602443
CIE Lab	56.83, 6.01, -1.45
CIE LCh	57, 6.184, 346.469
Yxy	24.7501, 0.3211, 0.3192
Android (android.graphics.Color)	4287792523 (0xFF92858B)
YUV	137.5710, 0.7045, 7.3922
Hunter-Lab	49.7495, 2.2855, 1.5851

Details

The XYZ color **24.9018, 24.7501, 27.8909** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6863, 27.4384, 28.8073**, and the grayscale version is **23.9906, 25.2400, 27.4863**.

A 20% lighter version of the original color is **50.8928, 51.2029, 57.0700**, and **9.6928, 9.4948, 10.7730** is the 20% darker color. If you saturate the color by 10%, you get **22.4864, 20.8056, 24.3525**, and if you desaturate by 10%, it is **27.6378, 29.2690, 31.7407**.

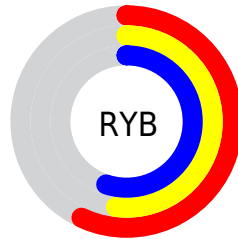
Distribution



Red (57%)

Green (52%)

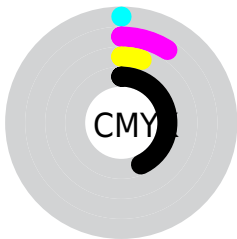
Blue (55%)



Red (57%)

Yellow (52%)

Blue (55%)

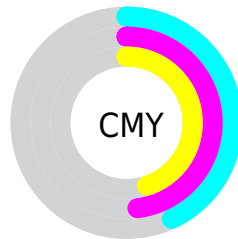


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9018, 24.7501, 27.8909 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 24.9018, 24.7501, 27.8909 by changing the saturation by 10% instead.

■ 24.9018, 24.7501,
27.8909

■ 24.9018, 24.7501,
27.8909

269.7052,
276.5911, 305.8407

■ 16.1322, 15.8910,
18.0051

■ 50.9419, 51.2515,
57.3312

■ 9.7092, 9.4470,
10.7842

■ 68.9432, 69.6626,
77.7228

■ 5.2674, 5.0339,
5.8096

■ 90.7524, 92.0265,
102.4534

■ 2.4413, 2.2672,
2.6627

116.7349,
118.7275, 131.9416

■ 0.8658, 0.7562,
0.9246

147.2561,
150.1501, 166.6059

■ 0.0000, 0.0000,
0.0000

182.6813,

186.6786, 206.8648

223.3759,
228.6975, 253.1369

■ 24.9018, 24.7501,
27.8909

■ 24.9018, 24.7501,
27.8909

■ 22.4864, 20.8056,
24.3525

■ 27.6378, 29.2690,
31.7407

■ 20.3772, 17.4091,
21.1156

■ 30.7040, 34.3809,
35.9082

■ 18.5618, 14.5370,
18.1718

■ 34.1118, 40.1075,
40.4017

■ 17.0263, 12.1627,
15.5120

■ 37.8719, 46.4685,
45.2286

■ 15.7553, 10.2571,
13.1264

■ 41.9942, 53.4826,
50.3960

■ 14.7321, 8.7884,
11.0045

■ 46.4882, 61.1679,
55.9107

■ 13.9377, 7.7202,
9.1348

■ 51.3634, 69.5416,
61.7796

■ 13.3504, 7.0108,
7.5047

■ 56.6285, 78.6205,
68.0090

■ 12.9222, 6.5661,
6.0926

■ 59.2182, 82.2727,
73.5806

Harmonies

Analogous

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



24.5465, 24.7501, 29.7847



24.9018, 24.7501, 27.8909



24.8826, 24.7501, 25.8357

Triad

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



24.9018, 24.7501, 27.8909



23.1323, 24.7501, 23.3083



22.5797, 24.7501, 29.9393

Complementary

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



24.9018, 24.7501, 27.8909



24.6863, 27.4384, 28.8073

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.



22.2162, 24.7501, 28.0931



24.9018, 24.7501, 27.8909



22.5307, 24.7501, 24.2986

Square

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



24.9018, 24.7501, 27.8909



23.8510, 24.7501, 23.2603



22.1984, 24.7501, 26.0279



23.2005, 24.7501, 31.0076

Rectangle

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



24.9018, 24.7501, 27.8909



24.6599, 24.7501, 24.6509



22.1984, 24.7501, 26.0279



22.4239, 24.7501, 29.3850

Sweetspot

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



24.9025, 24.7512, 27.8914



46.6793, 48.1939, 53.1023



24.3807, 24.4212, 30.6233



10.3027, 10.5864, 11.6985



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.9025, 24.7512, 27.8914



42.8919, 41.9599, 47.7062



24.5355, 24.6995, 25.6658



5.9055, 5.8572, 6.6083



11.3440, 5.7427, 5.2927



0.1535, 0.0761, 0.1418

Inverse Universe

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



24.9025, 24.7512, 27.8914



42.8919, 41.9599, 47.7062



25.0742, 27.4869, 31.1785



5.9055, 5.8572, 6.6083



11.3440, 5.7427, 5.2927



0.1535, 0.0761, 0.1418

Previews

White Background



This preview shows how the XYZ color 24.9018, 24.7501, 27.8909 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 24.9018, 24.7501, 27.8909 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

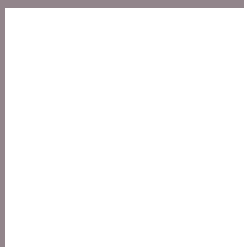
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9018, 24.7501, 27.8909

Background



This preview shows how black text looks on a background with the XYZ color 24.9018, 24.7501, 27.8909.



This preview shows how white text looks on a background with the XYZ color 24.9018, 24.7501,

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

24.9018, 24.7501, 27.8909

Protanopia

24.0931, 24.9347, 28.7423

Deuteranopia

25.1242, 24.6625, 27.8622



Tritanopia

25.2418, 24.6887, 29.4216

Trichromacy



Original Color

24.9018, 24.7501, 27.8909

Protanomaly

24.3821, 24.8841, 28.3290

Deuteranomaly

24.9441, 24.5697, 27.8538

Tritanomaly

25.1664, 24.6586, 29.0244

Monochromacy



Original Color

24.9018, 24.7501, 27.8909

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3761, 25.1060, 27.6059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9018, 24.7501, 27.8909 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(146, 133, 139) looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 139)  
}
```

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(146, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.9018, 24.7501, 27.8909 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(146, 133, 139) }
```


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

```
.border{ border-color:rgb(146, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9018, 24.7501, 27.8909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 139) }
```

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

```
.background{ background-color: rgb(146,  
133, 139) }
```

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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