

Converting Colors

XYZ(24.8538, 24.6472, 29.6096)

Have a look what the booklet for
XYZ(24.8538, 24.6472, 29.6096)
contains.

XYZ(24.8471, 24.6875, 29.4422)	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(24.8471, 24.6875,
29.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	90858F
RGB	144, 133, 143
RGB Percent	56%, 52%, 56%
CMY	0.4353, 0.4784, 0.4392
CMYK	0.00, 0.08, 0.01, 0.44
HSL	305°, 5%, 54%
HSV	305°, 8%, 56%
XYZ	24.8471, 24.6875, 29.4422
YIQ	137.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

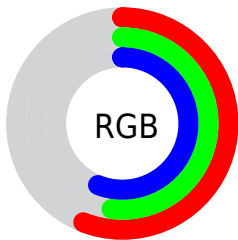
Format	Color
RYB	144, 133, 143
Decimal	9471375
CIELab	56.77, 6.04, -3.87
CIELCh	57, 7.173, 327.393
Yxy	24.6875, 0.3146, 0.3126
Android (android.graphics.Color)	4287661455 (0xFF90858F)
YUV	137.4290, 2.7465, 5.7628
Hunter-Lab	49.6865, 2.3124, -0.3523

Details

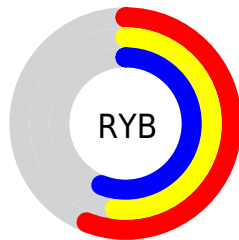
The XYZ color **24.8471, 24.6875, 29.4422** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9502, 26.6551, 26.4382**, and the grayscale version is **23.9299, 25.1761, 27.4168**.

A 20% lighter version of the original color is **50.9257, 51.1548, 60.0131**, and **9.7622, 9.5106, 11.6771** is the 20% darker color. If you saturate the color by 10%, you get **22.9108, 20.9725, 28.3103**, and if you desaturate by 10%, it is **27.0562, 28.9457, 30.6713**.

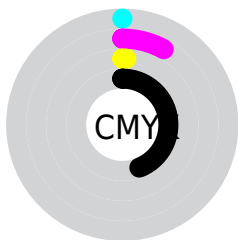
Distribution



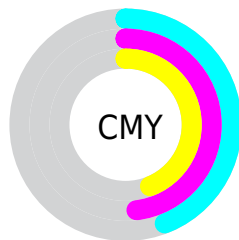
- Red (56%)
- Green (52%)
- Blue (56%)



- Red (56%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8471, 24.6875, 29.4422 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 24.8471, 24.6875, 29.4422 by changing the saturation by 10% instead.

■ 24.8471, 24.6875,
29.4422

■ 24.8471, 24.6875,
29.4422

269.4373,
276.2781, 313.4217

■ 16.0913, 15.8444,
19.1671

■ 50.8537, 51.1498,
59.8295

■ 9.6800, 9.4141,
11.6131

■ 68.8353, 69.5378,
80.7787

■ 5.2480, 5.0123,
6.3615

■ 90.6228, 91.8762,
106.1232

■ 2.4297, 2.2545,
2.9938

116.5817,
118.5494, 136.2813

■ 0.8600, 0.7494,
1.0915

147.0772,
149.9418, 171.6717

■ 0.0000, 0.0000,
0.0000

182.4747,

186.4377, 212.7129

223.1397,
228.4217, 259.8233

■ 24.8471, 24.6875,
29.4422

■ 24.8471, 24.6875,
29.4422

■ 22.9108, 20.9725,
28.3103

■ 27.0562, 28.9457,
30.6713

■ 21.2344, 17.7757,
27.2705

■ 29.5464, 33.7644,
31.9996

■ 19.8068, 15.0747,
26.3192

■ 32.3281, 39.1644,
33.4308

■ 18.6155, 12.8445,
25.4524

■ 35.4107, 45.1642,
34.9681

■ 17.6468, 11.0576,
24.6655

■ 38.8030, 51.7815,
36.6143

■ 16.8857, 9.6841,
23.9533

■ 42.5135, 59.0334,
38.3725

■ 16.3152, 8.6899,
23.3103

■ 46.5504, 66.9362,
40.2453

■ 15.9156, 8.0359,
22.7298

■ 50.9216, 75.5057,
42.2354

■ 15.6499, 7.6477,
22.1996

■ 53.1606, 79.8089,
43.5206

Harmonies

Analogous

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



24.2132, 24.6875, 31.1852



24.8471, 24.6875, 29.4422



25.1099, 24.6875, 27.0907

Triad

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



24.8471, 24.6875, 29.4422



23.5380, 24.6875, 22.5329



22.0643, 24.6875, 29.0580

Complementary

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



24.8471, 24.6875, 29.4422



23.9502, 26.6551, 26.4382

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.



21.8930, 24.6875, 26.6714



24.8471, 24.6875, 29.4422



22.7318, 24.6875, 22.9914

Square

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



24.8471, 24.6875, 29.4422



24.3429, 24.6875, 23.1808



22.1346, 24.6875, 24.4719



22.6079, 24.6875, 30.9542

Rectangle

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



24.8471, 24.6875, 29.4422



25.0347, 24.6875, 25.5257



22.1346, 24.6875, 24.4719



21.9618, 24.6875, 28.2823

Sweetspot

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



24.8478, 24.6886, 29.4427



45.9446, 47.6261, 53.1205



23.2409, 23.8514, 29.7650



10.5478, 10.9443, 12.1882



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.



24.8478, 24.6886, 29.4427



43.2655, 42.4686, 51.6092



24.4473, 24.5284, 27.3338



5.6054, 5.5027, 6.6860



13.5820, 6.5898, 19.2480



0.1339, 0.0646, 0.2051

Inverse Universe

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



24.8478, 24.6886, 29.4427



43.2655, 42.4686, 51.6092



24.3377, 26.8101, 28.4790



5.6054, 5.5027, 6.6860



13.5820, 6.5898, 19.2480



0.1339, 0.0646, 0.2051

Previews

White Background



This preview shows how the XYZ color 24.8471, 24.6875, 29.4422 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 24.8471, 24.6875, 29.4422 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 24.8471, 24.6875, 29.4422

Background



This preview shows how black text looks on a background with the XYZ color 24.8471, 24.6875, 29.4422.



This preview shows how white text looks on a background with the XYZ color 24.8471, 24.6875,

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

24.8471, 24.6875, 29.4422

Protanopia

23.8514, 24.5758, 29.8721

Deuteranopia

25.0632, 24.5967, 29.4133



Tritanopia

24.8471, 24.6875, 29.4422

Trichromacy



Original Color

24.8471, 24.6875, 29.4422

Protanomaly

24.2066, 24.5528, 29.8489

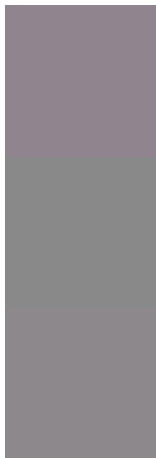
Deuteranomaly

24.8862, 24.5054, 29.4050

Tritanomaly

24.8471, 24.6875, 29.4422

Monochromacy



Original Color

24.8471, 24.6875, 29.4422

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2796, 25.0478, 27.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8471, 24.6875, 29.4422 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(144, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 143)  
}
```

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(144, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.8471, 24.6875, 29.4422 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(144, 133, 143) }
```


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

```
.border{ border-color:rgb(144, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8471, 24.6875, 29.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 143) }
```

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

```
.background{ background-color: rgb(144,  
133, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor