

Converting Colors

XYZ(24.8032, 23.8223, 28.4533)

Have a look what the booklet for
XYZ(24.8032, 23.8223, 28.4533)
contains.

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Color

**XYZ(24.8707, 23.9195,
28.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	94818D
RGB	148, 129, 141
RGB Percent	58%, 51%, 55%
CMY	0.4196, 0.4941, 0.4471
CMYK	0.00, 0.13, 0.05, 0.42
HSL	322°, 8%, 54%
HSV	322°, 13%, 58%
XYZ	24.8707, 23.9195, 28.5054
YIQ	136.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

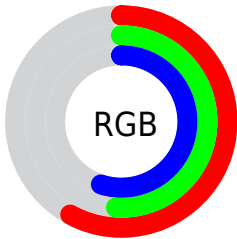
Format	Color
R _{YB}	148, 129, 141
Decimal	9732493
CIE Lab	56.01, 9.43, -3.79
CIE LCh	56, 10.165, 338.087
Yxy	23.9195, 0.3218, 0.3095
Android (android.graphics.Color)	4287922573 (0xFF94818D)
YUV	136.0490, 2.4408, 10.4810
Hunter-Lab	48.9076, 5.1834, -0.3214

Details

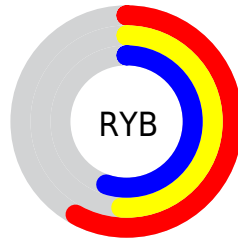
The XYZ color **24.8707, 23.9195, 28.5054** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0880, 27.6251, 27.3564**, and the grayscale version is **23.4098, 24.6290, 26.8210**.

A 20% lighter version of the original color is **50.9354, 49.9526, 58.5870**, and **9.6868, 9.0340, 11.1307** is the 20% darker color. If you saturate the color by 10%, you get **22.6650, 20.1413, 25.8174**, and if you desaturate by 10%, it is **27.3801, 28.2726, 31.3938**.

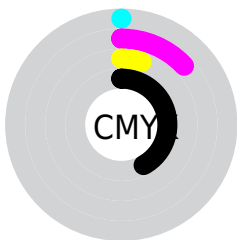
Distribution



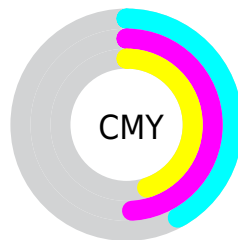
- Red (58%)
- Green (51%)
- Blue (55%)



- Red (58%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8707, 23.9195, 28.5054 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 24.8707, 23.9195, 28.5054 by changing the saturation by 10% instead.

■ 24.8707, 23.9195,
28.5054

■ 24.8707, 23.9195,
28.5054

269.5529,
272.4132, 308.8617

■ 16.1090, 15.2739,
18.4646

■ 50.8918, 49.8988,
58.3231

■ 9.6926, 9.0119,
11.1112

■ 68.8819, 68.0013,
78.9371

■ 5.2563, 4.7489,
6.0266

■ 90.6787, 90.0249,
103.9127

■ 2.4347, 2.1007,
2.7922

116.6478,
116.3540, 133.6682

■ 0.8625, 0.6650,
0.9895

147.1544,
147.3730, 168.6224

■ 0.0000, 0.0000,
0.0000

182.5639,

183.4663, 209.1936

223.2416,
225.0182, 255.8005

■ 24.8707, 23.9195,
28.5054

■ 24.8707, 23.9195,
28.5054

■ 22.6650, 20.1413,
25.8174

■ 27.3801, 28.2726,
31.3938

■ 20.7486, 16.9105,
23.3227

■ 30.2029, 33.2201,
34.4864

■ 19.1090, 14.2022,
21.0161

■ 33.3507, 38.7849,
37.7886

■ 17.7318, 11.9881,
18.8912

■ 36.8339, 44.9873,
41.3052

■ 16.6014, 10.2375,
16.9414

■ 40.6626, 51.8469,
45.0410

■ 15.7003, 8.9160,
15.1593

■ 44.8463, 59.3823,
49.0002

■ 15.0087, 7.9844,
13.5367

■ 49.3942, 67.6116,
53.1874

■ 14.5032, 7.3964,
12.0642

■ 54.3151, 76.5521,
57.6065

■ 14.2094, 7.0946,
11.0852

■ 57.2760, 81.5372,
61.4812

Harmonies

Analogous

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



24.1407, 23.9195, 31.4108



24.8707, 23.9195, 28.5054



25.0188, 23.9195, 25.1547

Triad

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



24.8707, 23.9195, 28.5054



22.4220, 23.9195, 20.2102



21.0216, 23.9195, 30.1931

Complementary

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



24.8707, 23.9195, 28.5054



24.0880, 27.6251, 27.3564

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.



20.5942, 23.9195, 26.9546



24.8707, 23.9195, 28.5054



21.3845, 23.9195, 21.3267

Square

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



24.8707, 23.9195, 28.5054



23.5786, 23.9195, 20.5487



20.7248, 23.9195, 23.7290



21.9113, 23.9195, 32.4415

Rectangle

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



24.8707, 23.9195, 28.5054



24.7629, 23.9195, 23.1470



20.7248, 23.9195, 23.7290



20.8205, 23.9195, 29.1737

Sweetspot

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



24.8714, 23.9205, 28.5059



47.7300, 48.8733, 54.7389



23.3444, 23.0713, 31.2401



10.8218, 11.0280, 12.4121



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.



24.8714, 23.9205, 28.5059



42.8761, 40.4711, 49.0958



24.1968, 23.6507, 24.9536



5.9456, 5.8733, 6.8195



12.1504, 6.0652, 9.5390



0.1630, 0.0799, 0.1918

Inverse Universe

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



24.8714, 23.9205, 28.5059



42.8761, 40.4711, 49.0958



24.7908, 27.9062, 31.0574



5.9456, 5.8733, 6.8195



12.1504, 6.0652, 9.5390



0.1630, 0.0799, 0.1918

Previews

White Background



This preview shows how the XYZ color 24.8707, 23.9195, 28.5054 looks on a white background.

Color Contrast Check

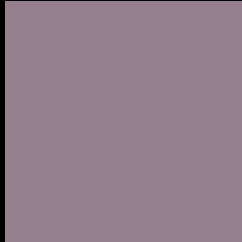
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8707, 23.9195, 28.5054 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 24.8707, 23.9195, 28.5054

Background



This preview shows how black text looks on a background with the XYZ color 24.8707, 23.9195, 28.5054.



This preview shows how white text looks on a background with the XYZ color 24.8707, 23.9195,

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

24.8707, 23.9195, 28.5054

Protanopia

23.2531, 23.8570, 29.7649

Deuteranopia

24.2919, 23.8176, 28.5162



Tritanopia

24.7232, 23.8605, 27.7286

Trichromacy



Original Color

24.8707, 23.9195, 28.5054

Protanomaly

23.8567, 23.9747, 29.3568

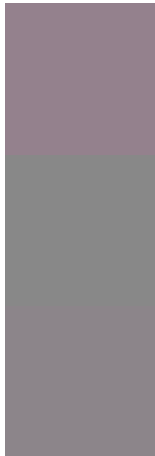
Deuteranomaly

24.4674, 23.9081, 28.5245

Tritanomaly

24.7966, 23.8899, 28.1152

Monochromacy



Original Color

24.8707, 23.9195, 28.5054

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7902, 24.1855, 27.4591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8707, 23.9195, 28.5054 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(148, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 141)  
}
```

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(148, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.8707, 23.9195, 28.5054 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(148, 129, 141) }
```


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

```
.border{ border-color:rgb(148, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8707, 23.9195, 28.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 141) }
```

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

```
.background{ background-color: rgb(148,  
129, 141) }
```

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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