

Converting Colors

XYZ(24.9118, 27.2911, 28.3919)

Have a look what the booklet for
XYZ(24.9118, 27.2911, 28.3919)
contains.

XYZ(24.9389, 27.3491, 28.3906)	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(24.9389, 27.3491,
28.3906)**

Conversions

Conversions Part 1

Format	Color
Hex	88918B
RGB	136, 145, 139
RGB Percent	53%, 57%, 55%
CMY	0.4667, 0.4314, 0.4549
CMYK	0.06, 0.00, 0.04, 0.43
HSL	140°, 4%, 55%
HSV	140°, 6%, 57%
XYZ	24.9389, 27.3491, 28.3906
YIQ	141.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

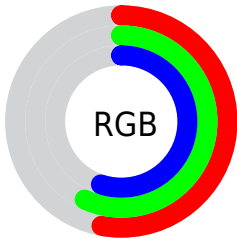
Format	Color
R_{YB}	136, 143, 145
Decimal	8950155
CIE Lab	59.30, -4.45, 2.05
CIE LCh	59, 4.903, 155.295
Yxy	27.3491, 0.3091, 0.3390
Android (android.graphics.Color)	4287140235 (0xFF88918B)
YUV	141.6250, -1.2941, -4.9331
Hunter-Lab	52.2964, -6.3962, 4.4202

Details

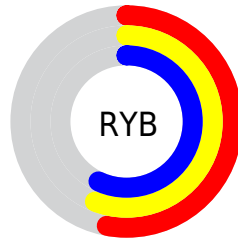
The XYZ color **24.9389, 27.3491, 28.3906** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3646, 25.5817, 29.1933**, and the grayscale version is **25.5696, 26.9012, 29.2954**.

A 20% lighter version of the original color is **50.9241, 55.4714, 57.8922**, and **9.7331, 10.8841, 11.0390** is the 20% darker color. If you saturate the color by 10%, you get **22.0660, 25.9469, 24.7305**, and if you desaturate by 10%, it is **28.1944, 28.9429, 32.3959**.

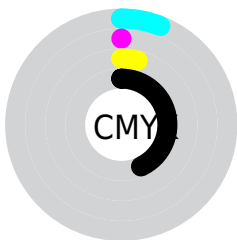
Distribution



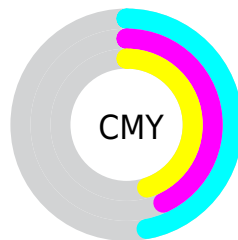
- Red (53%)
- Green (57%)
- Blue (55%)



- Red (53%)
- Yellow (56%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9389, 27.3491, 28.3906 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 24.9389, 27.3491, 28.3906 by changing the saturation by 10% instead.

■ 24.9389, 27.3491,
28.3906

■ 24.9389, 27.3491,
28.3906

269.8868,
289.3434, 308.2991

■ 16.1600, 17.8356,
18.3787

■ 51.0017, 55.4436,
58.1380

■ 9.7290, 10.8320,
11.0500

■ 69.0163, 74.7933,
78.7107

■ 5.2806, 5.9540,
5.9859

■ 90.8402, 98.1905,
103.6406

■ 2.4492, 2.8171,
2.7678

116.8388,
126.0197, 133.3464

■ 0.8697, 1.0370,
0.9773

147.3774,
158.6652, 168.2466

■ 0.0000, 0.0000,
0.0000

182.8214,

196.5114, 208.7598

223.5360,
239.9427, 255.3044

■ 24.9389, 27.3491,
28.3906

■ 24.9389, 27.3491,
28.3906

■ 22.0660, 25.9469,
24.7305

■ 28.1944, 28.9429,
32.3959

■ 19.5592, 24.7256,
21.4048

■ 31.8438, 30.7316,
36.7533

■ 17.4040, 23.6787,
18.4045

■ 35.9008, 32.7228,
41.4718

■ 15.5840, 22.7980,
15.7197

■ 40.3776, 34.9227,
46.5596

■ 14.0816, 22.0746,
13.3401

■ 45.2859, 37.3371,
52.0245

■ 12.8775, 21.4988,
11.2546

■ 50.6371, 39.9718,
57.8741

■ 11.9500, 21.0596,
9.4515

■ 56.4420, 42.8322,
64.1159

■ 11.2746, 20.7446,
7.9185

■ 62.7111, 45.9236,
70.7571

■ 10.8144, 20.5352,
6.6416

■ 65.0948, 47.0034,
77.6006

Harmonies

Analogous

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



25.3198, 27.3491, 27.1089



24.9389, 27.3491, 28.3906



24.8390, 27.3491, 30.0910

Triad

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



24.9389, 27.3491, 28.3906



26.1034, 27.3491, 33.2659



26.9679, 27.3491, 27.8714

Complementary

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



24.9389, 27.3491, 28.3906



25.3646, 25.5817, 29.1933

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.



27.1852, 27.3491, 29.4682



24.9389, 27.3491, 28.3906



26.6811, 27.3491, 32.6179

Square

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



24.9389, 27.3491, 28.3906



25.5052, 27.3491, 32.9499



27.0795, 27.3491, 31.2110



26.4900, 27.3491, 26.8174

Rectangle

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



24.9389, 27.3491, 28.3906



24.9439, 27.3491, 31.2435



27.0795, 27.3491, 31.2110



27.0742, 27.3491, 28.3601

Sweetspot

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



24.9397, 27.3503, 28.3912



47.0053, 50.1243, 53.7544



25.7514, 27.7937, 27.3003



10.4738, 11.1590, 11.9791



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.



24.9397, 27.3503, 28.3912



44.1501, 48.7281, 50.2015



25.2641, 27.4800, 30.0996



5.5355, 6.1174, 6.2927



9.1594, 17.5596, 5.3935



0.0970, 0.1717, 0.1012

Inverse Universe

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



25.3646, 25.5817, 29.1933



45.0206, 45.1051, 51.8445



25.0441, 25.4535, 27.5056



5.6477, 5.6507, 6.5044



11.8659, 5.9034, 10.2109



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 24.9389, 27.3491, 28.3906 looks on a white background.

Color Contrast Check

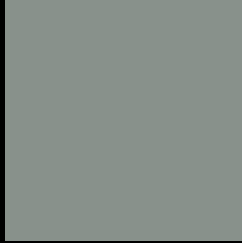
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9389, 27.3491, 28.3906 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

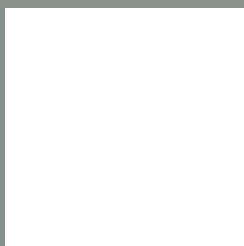
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9389, 27.3491, 28.3906

Background



This preview shows how black text looks on a background with the XYZ color 24.9389, 27.3491, 28.3906.



This preview shows how white text looks on a background with the XYZ color 24.9389, 27.3491,

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

24.9389, 27.3491, 28.3906

Protanopia

26.0424, 27.2631, 27.5566

Deuteranopia

27.7267, 27.2385, 28.6071



Tritanopia

26.1364, 27.3813, 34.4794

Trichromacy



Original Color

24.9389, 27.3491, 28.3906

Protanomaly

25.5652, 27.2307, 27.9534

Deuteranomaly

26.6529, 27.3328, 28.6819

Tritanomaly

25.7146, 27.4348, 32.3739

Monochromacy



Original Color

24.9389, 27.3491, 28.3906

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4454, 27.1435, 29.0974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9389, 27.3491, 28.3906 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, 145, 139)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 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(136, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.9389, 27.3491, 28.3906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

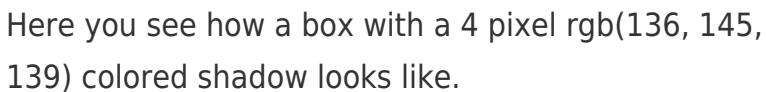
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 145, 139) }
```


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

```
.border{ border-color:rgb(136, 145, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 145, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 145, 139); box-shadow:4px 4px 4px 4px rgb(136, 145, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9389, 27.3491, 28.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 139) }
```

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

```
.background{ background-color: rgb(136,  
145, 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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