

Converting Colors

XYZ(24.4684, 27.4045, 27.2699)

Have a look what the booklet for
XYZ(24.4684, 27.4045, 27.2699)
contains.

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Color

**XYZ(24.3957, 27.3219,
27.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	859288
RGB	133, 146, 136
RGB Percent	52%, 57%, 53%
CMY	0.4784, 0.4274, 0.4667
CMYK	0.09, 0.00, 0.07, 0.43
HSL	134°, 6%, 55%
HSV	134°, 9%, 57%
XYZ	24.3957, 27.3219, 27.2804
YIQ	140.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

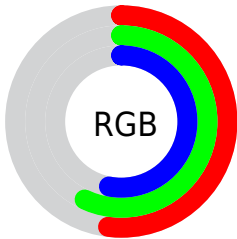
Format	Color
R_{YB}	133, 144, 146
Decimal	8753800
CIE Lab	59.27, -6.69, 3.69
CIE LCh	59, 7.640, 151.087
Yxy	27.3219, 0.3088, 0.3459
Android (android.graphics.Color)	4286943880 (0xFF859288)
YUV	140.9730, -2.4517, -6.9923
Hunter-Lab	52.2704, -8.1633, 5.6452

Details

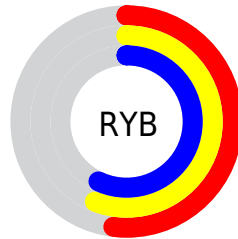
The XYZ color **24.3957, 27.3219, 27.2804** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2005, 24.8699, 29.4601**, and the grayscale version is **25.3181, 26.6366, 29.0072**.

A 20% lighter version of the original color is **50.0893, 55.4218, 56.2016**, and **9.4299, 10.8766, 10.4065** is the 20% darker color. If you saturate the color by 10%, you get **21.4921, 25.9133, 23.1939**, and if you desaturate by 10%, it is **27.7049, 28.9315, 31.8237**.

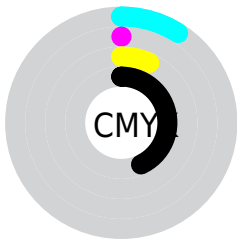
Distribution



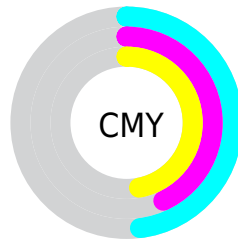
- Red (52%)
- Green (57%)
- Blue (53%)



- Red (52%)
- Yellow (56%)
- Blue (57%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3957, 27.3219, 27.2804 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 24.3957, 27.3219, 27.2804 by changing the saturation by 10% instead.

■ 24.3957, 27.3219,
27.2804

■ 24.3957, 27.3219,
27.2804

267.2184,
289.2123, 302.8152

■ 15.7537, 17.8151,
17.5496

■ 50.1251, 55.4000,
56.3427

■ 9.4398, 10.8173,
10.4610

■ 67.9433, 74.7401,
76.5113

■ 5.0885, 5.9441,
5.5961

■ 89.5510, 98.1267,
100.9962

■ 2.3346, 2.8111,
2.5363

115.3134,
125.9444, 130.2161

■ 0.8123, 1.0339,
0.8593

145.5961,
158.5773, 164.5894

■ 0.0000, 0.0000,
0.0000

180.7642,

196.4101, 204.5346

221.1832,
239.8269, 250.4704

■ 24.3957, 27.3219,
27.2804

■ 24.3957, 27.3219,
27.2804

■ 21.4921, 25.9133,
23.1939

■ 27.7049, 28.9315,
31.8237

■ 18.9762, 24.6944,
19.5483

■ 31.4323, 30.7460,
36.8356

■ 16.8320, 23.6580,
16.3294

■ 35.5928, 32.7735,
42.3296

■ 15.0414, 22.7952,
13.5215

■ 40.1997, 35.0207,
48.3181

■ 13.5850, 22.0963,
11.1080

■ 45.2659, 37.4939,
54.8131

■ 12.4414, 21.5507,
9.0711

■ 50.8037, 40.1992,
61.8261

■ 11.5865, 21.1462,
7.3917

■ 56.8249, 43.1426,
69.3684

■ 10.9926, 20.8692,
6.0489

■ 63.3410, 46.3296,
77.4508

■ 10.6015, 20.6900,
5.0184

■ 66.8180, 47.9383,
85.9179

Harmonies

Analogous

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



25.0329, 27.3219, 25.4726



24.3957, 27.3219, 27.2804



24.1773, 27.3219, 29.8487

Triad

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



24.3957, 27.3219, 27.2804



26.0035, 27.3219, 35.3170



27.5716, 27.3219, 27.1178

Complementary

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



24.3957, 27.3219, 27.2804



25.2005, 24.8699, 29.4601

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.



27.8463, 27.3219, 29.6493



24.3957, 27.3219, 27.2804



26.9274, 27.3219, 34.4788

Square

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



24.3957, 27.3219, 27.2804



25.0918, 27.3219, 34.5889



27.6078, 27.3219, 32.3620



26.8657, 27.3219, 25.3829

Rectangle

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



24.3957, 27.3219, 27.2804



24.2943, 27.3219, 31.6795



27.6078, 27.3219, 32.3620



27.7182, 27.3219, 27.8984

Sweetspot

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



24.3965, 27.3231, 27.2810



46.3588, 49.8135, 52.7089



25.8731, 28.1086, 26.2525



10.2143, 11.0335, 11.5902



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.



24.3965, 27.3231, 27.2810



41.7864, 47.5916, 46.3832



24.8590, 27.5081, 29.7165



5.7812, 6.4891, 6.4585



9.3031, 18.1940, 4.3717



0.1236, 0.2266, 0.1048

Inverse Universe

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



25.2005, 24.8699, 29.4601



43.5464, 42.2217, 51.1528



24.7351, 24.6838, 27.0094



5.9787, 5.8865, 6.9938



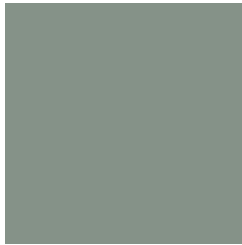
13.0295, 6.4168, 14.1681



0.1707, 0.0830, 0.2324

Previews

White Background



This preview shows how the XYZ color 24.3957, 27.3219, 27.2804 looks on a white background.

Color Contrast Check

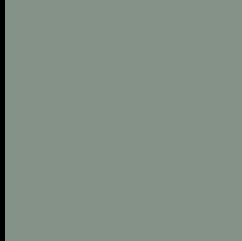
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3957, 27.3219, 27.2804 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

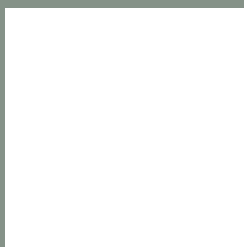
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3957, 27.3219, 27.2804

Background



This preview shows how black text looks on a background with the XYZ color 24.3957, 27.3219, 27.2804.



This preview shows how white text looks on a background with the XYZ color 24.3957, 27.3219,

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

24.3957, 27.3219, 27.2804

Protanopia

26.0087, 27.2703, 26.4471

Deuteranopia

27.7765, 27.2810, 27.8465



Tritanopia

25.8922, 27.2457, 34.9046

Trichromacy



Original Color

24.3957, 27.3219, 27.2804

Protanomaly

25.3510, 27.1450, 26.8250

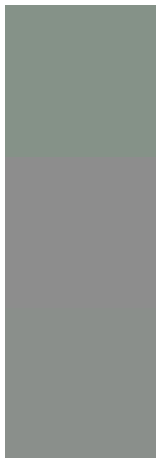
Deuteranomaly

26.4347, 27.2455, 27.5326

Tritanomaly

25.3102, 27.2355, 31.9400

Monochromacy



Original Color

24.3957, 27.3219, 27.2804

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9639, 26.9123, 28.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3957, 27.3219, 27.2804 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(133, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(133, 146, 136)  
}
```

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(133, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 146, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.3957, 27.3219, 27.2804 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(133, 146, 136) }
```


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

```
.border{ border-color:rgb(133, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(133, 146,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3957, 27.3219, 27.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 146, 136) }
```

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

```
.background{ background-color: rgb(133,  
146, 136) }
```

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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