

Converting Colors

XYZ(24.5678, 27.3554, 28.6032)

Have a look what the booklet for
XYZ(24.5678, 27.3554, 28.6032)
contains.

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Color

**XYZ(24.6854, 27.4378,
28.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	85928C
RGB	133, 146, 140
RGB Percent	52%, 57%, 55%
CMY	0.4784, 0.4274, 0.4510
CMYK	0.09, 0.00, 0.04, 0.43
HSL	152°, 6%, 55%
HSV	152°, 9%, 57%
XYZ	24.6854, 27.4378, 28.8059
YIQ	141.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

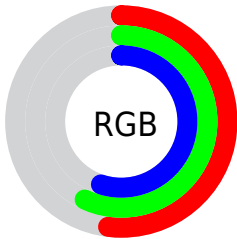
Format	Color
R _Y B	133, 141, 146
Decimal	8753804
CIE Lab	59.38, -5.89, 1.57
CIE LCh	59, 6.098, 165.088
Yxy	27.4378, 0.3050, 0.3390
Android (android.graphics.Color)	4286943884 (0xFF85928C)
YUV	141.4290, -0.7045, -7.3922
Hunter-Lab	52.3811, -7.5461, 4.0615

Details

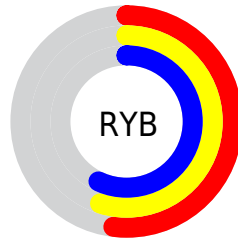
The XYZ color **24.6854, 27.4378, 28.8059** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9028, 24.7509, 27.8923**, and the grayscale version is **25.4909, 26.8184, 29.2052**.

A 20% lighter version of the original color is **50.6416, 55.6427, 59.1100**, and **9.5956, 10.9429, 11.2793** is the 20% darker color. If you saturate the color by 10%, you get **22.0569, 26.1392, 26.1678**, and if you desaturate by 10%, it is **27.6664, 28.9161, 31.6206**.

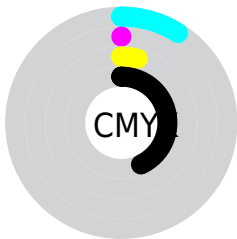
Distribution



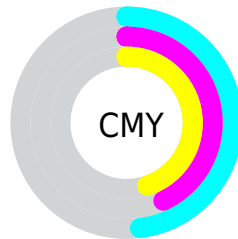
- Red (52%)
- Green (57%)
- Blue (55%)



- Red (52%)
- Yellow (55%)
- Blue (57%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6854, 27.4378, 28.8059 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 24.6854, 27.4378, 28.8059 by changing the saturation by 10% instead.

■ 24.6854, 27.4378,
28.8059

■ 24.6854, 27.4378,
28.8059

268.6442,
289.7707, 310.3303

■ 15.9703, 17.9023,
18.6897

■ 50.5930, 55.5856,
58.8071

■ 9.5939, 10.8799,
11.2718

■ 68.5161, 74.9667,
79.5291

■ 5.1907, 5.9861,
6.1335

■ 90.2394, 98.3984,
104.6236

■ 2.3955, 2.8366,
2.8563

116.1281,
126.2652, 134.5089

■ 0.8429, 1.0470,
1.0217

146.5475,
158.9514, 169.6037

■ 0.0000, 0.0000,
0.0000

181.8632,

196.8415, 210.3265

222.4403,
240.3198, 257.0958

■ 24.6854, 27.4378,
28.8059

■ 24.6854, 27.4378,
28.8059

■ 22.0569, 26.1392,
26.1678

■ 27.6664, 28.9161,
31.6206

■ 19.7648, 25.0098,
23.7010

■ 31.0104, 30.5772,
34.6134

■ 17.7953, 24.0434,
21.4025

■ 34.7304, 32.4286,
37.7882

■ 16.1328, 23.2318,
19.2687

■ 38.8382, 34.4761,
41.1482

■ 14.7600, 22.5664,
17.2955

■ 43.3447, 36.7254,
44.6963

■ 13.6583, 22.0374,
15.4791

■ 48.2609, 39.1821,
48.4357

■ 12.8063, 21.6342,
13.8151

■ 53.5968, 41.8513,
52.3692

■ 12.1795, 21.3439,
12.2989

■ 59.3624, 44.7382,
56.4997

■ 11.7231, 21.1386,
10.9245

■ 62.0223, 46.0200,
60.6641

Harmonies

Analogous

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



25.0526, 27.4378, 27.0032



24.6854, 27.4378, 28.8059



24.6865, 27.4378, 30.9832

Triad

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



24.6854, 27.4378, 28.8059



26.4629, 27.4378, 34.1224



27.1294, 27.4378, 26.9947

Complementary

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



24.6854, 27.4378, 28.8059



24.9028, 24.7509, 27.8923

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.



27.5225, 27.4378, 28.7937



24.6854, 27.4378, 28.8059



27.1326, 27.4378, 32.9437

Square

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



24.6854, 27.4378, 28.8059



25.7027, 27.4378, 34.1260



27.5237, 27.4378, 30.9704



26.4585, 27.4378, 25.9927

Rectangle

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



24.6854, 27.4378, 28.8059



24.8956, 27.4378, 32.3584



27.5237, 27.4378, 30.9704



27.2989, 27.4378, 27.5222

Sweetspot

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



24.6862, 27.4390, 28.8065



46.5430, 49.8872, 53.6788



25.1721, 27.7472, 26.2198



10.2650, 11.0538, 11.8576



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.



24.6862, 27.4390, 28.8065



42.4180, 47.8443, 49.7095



25.0744, 27.4875, 31.1796



5.8523, 6.5175, 6.8330



10.2860, 18.5872, 9.5475



0.1408, 0.2335, 0.1953

Inverse Universe

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



24.9028, 24.7509, 27.8923



42.8923, 41.9600, 47.7084



24.5355, 24.6991, 25.6650



5.9055, 5.8573, 6.6085



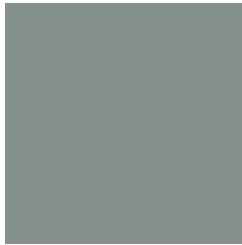
11.3448, 5.7430, 5.2969



0.1535, 0.0761, 0.1418

Previews

White Background



This preview shows how the XYZ color 24.6854, 27.4378, 28.8059 looks on a white background.

Color Contrast Check

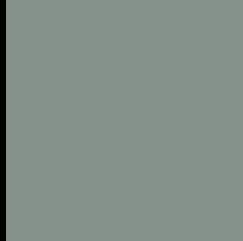
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6854, 27.4378, 28.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

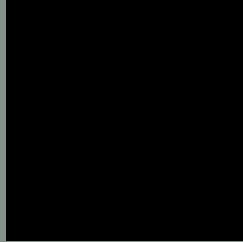
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6854, 27.4378, 28.8059

Background



This preview shows how black text looks on a background with the XYZ color 24.6854, 27.4378, 28.8059.



This preview shows how white text looks on a background with the XYZ color 24.6854, 27.4378,

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

24.6854, 27.4378, 28.8059

Protanopia

26.1145, 27.2920, 27.9363

Deuteranopia

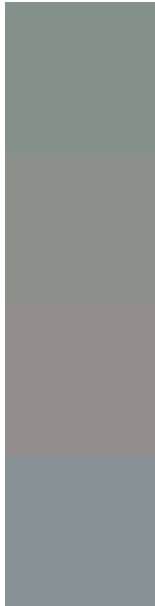
27.8756, 27.2981, 29.3910



Tritanopia

26.0430, 27.5473, 34.9549

Trichromacy



Original Color

24.6854, 27.4378, 28.8059

Protanomaly

25.4672, 27.1717, 28.3285

Deuteranomaly

26.5453, 27.2687, 29.0636

Tritanomaly

25.6221, 27.6037, 32.8318

Monochromacy



Original Color

24.6854, 27.4378, 28.8059

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1114, 26.9713, 29.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6854, 27.4378, 28.8059 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 146, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.6854, 27.4378, 28.8059 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, 140) }
```


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

```
.border{ border-color:rgb(133, 146, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6854, 27.4378, 28.8059 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, 140) }
```

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

```
.background{ background-color: rgb(133,  
146, 140) }
```

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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