

Converting Colors

XYZ(27.3053, 27.9047, 29.5386)

Have a look what the booklet for
XYZ(27.3053, 27.9047, 29.5386)
contains.

XYZ(27.3180, 27.8783, 29.5324)	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(27.3180, 27.8783,
29.5324)**

Conversions

Conversions Part 1

Format	Color
Hex	978E8E
RGB	151, 142, 142
RGB Percent	59%, 56%, 56%
CMY	0.4078, 0.4431, 0.4431
CMYK	0.00, 0.06, 0.06, 0.41
HSL	0°, 4%, 57%
HSV	0°, 6%, 59%
XYZ	27.3180, 27.8783, 29.5324
YIQ	144.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

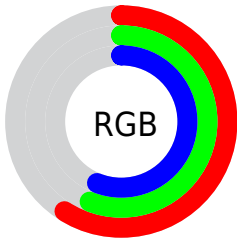
Format	Color
RYB	151, 142, 142
Decimal	9932430
CIELab	59.78, 3.34, 1.19
CIELCh	60, 3.543, 19.635
Yxy	27.8783, 0.3224, 0.3290
Android (android.graphics.Color)	4288122510 (0xFF978E8E)
YUV	144.6910, -1.3267, 5.5330
Hunter-Lab	52.7999, -0.0462, 3.7975

Details

The XYZ color **27.3180, 27.8783, 29.5324** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8078, 30.1179, 33.6263**, and the grayscale version is **26.7926, 28.1879, 30.6967**.

A 20% lighter version of the original color is **54.8806, 56.4445, 60.2269**, and **11.0144, 11.1363, 11.6942** is the 20% darker color. If you saturate the color by 10%, you get **24.1645, 23.2641, 23.2616**, and if you desaturate by 10%, it is **30.9309, 33.1647, 36.7148**.

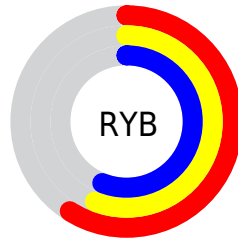
Distribution



Red (59%)

Green (56%)

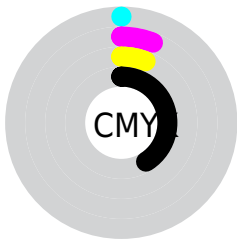
Blue (56%)



Red (59%)

Yellow (56%)

Blue (56%)

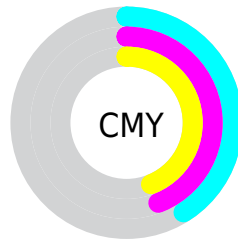


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3180, 27.8783, 29.5324 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 27.3180, 27.8783, 29.5324 by changing the saturation by 10% instead.

■ 27.3180, 27.8783,
29.5324

■ 27.3180, 27.8783,
29.5324

281.3331,
291.8849, 313.8579

■ 17.9500, 18.2339,
19.2349

■ 54.8100, 56.2901,
59.9741

■ 11.0136, 11.1181,
11.6616

■ 73.6648, 75.8263,
80.9555

■ 6.1433, 6.1463,
6.3940

■ 96.4125, 99.4286,
106.3352

■ 2.9739, 2.9343,
3.0135

123.4186,
127.4813, 136.5318

■ 1.1400, 1.0975,
1.1015

155.0483,
160.3690, 171.9638

■ 0.0582, 0.0000,
0.0000

191.6670,

■ 0.0000, 0.0000,

198.4758, 213.0498

0.0000

233.6402,
242.1864, 260.2083

■ 27.3180, 27.8783,
29.5324

■ 27.3180, 27.8783,
29.5324

■ 24.1645, 23.2641,
23.2616

■ 30.9309, 33.1647,
36.7148

■ 21.4497, 19.2918,
17.8643

■ 35.0181, 39.1450,
44.8412

■ 19.1550, 15.9340,
13.3022

■ 39.5966, 45.8442,
53.9448

■ 17.2593, 13.1602,
9.5337

■ 44.6822, 53.2852,
64.0567

■ 15.7399, 10.9368,
6.5134

■ 50.2896, 61.4897,
75.2063

■ 14.5718, 9.2274,
4.1915

■ 56.4332, 70.4786,
87.4221

■ 13.7268, 7.9907,
2.5121

■ 63.1266, 80.2721,
100.7314

■ 13.1725, 7.1794,
1.4107

■ 66.5727, 85.3194,
107.5673

■ 12.8628, 6.7261,
0.7955

Harmonies

Analogous

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



27.3548, 27.8783, 30.8012



27.3180, 27.8783, 29.5324



27.0599, 27.8783, 28.5116

Triad

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



27.3180, 27.8783, 29.5324



25.8459, 27.8783, 28.7832



26.3426, 27.8783, 32.8495

Complementary

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



27.3180, 27.8783, 29.5324



27.8078, 30.1179, 33.6263

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.



25.9429, 27.8783, 32.2756



27.3180, 27.8783, 29.5324



25.6583, 27.8783, 29.9126

Square

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



27.3180, 27.8783, 29.5324



26.2088, 27.8783, 28.0876



25.6936, 27.8783, 31.1922



26.7883, 27.8783, 32.7407

Rectangle

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



27.3180, 27.8783, 29.5324



26.7987, 27.8783, 28.0978



25.6936, 27.8783, 31.1922



26.1985, 27.8783, 32.7294

Sweetspot

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



27.3188, 27.8795, 29.5330



51.3604, 53.4931, 57.7335



28.0218, 28.1601, 33.2371



11.6916, 12.1847, 13.1580



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.3188, 27.8795, 29.5330



48.2154, 48.8914, 51.4805



28.0015, 29.2450, 29.7606



6.3520, 6.4323, 6.7642



10.8578, 5.5981, 0.5083



0.1624, 0.0838, 0.0076

Inverse Universe

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



27.8078, 30.1179, 33.6263



49.2565, 53.6565, 60.1943



27.0978, 28.6978, 33.3896



6.4942, 7.0829, 7.9538



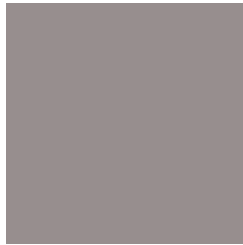
14.1606, 20.7179, 28.1603



0.2117, 0.3098, 0.4210

Previews

White Background



This preview shows how the XYZ color 27.3180, 27.8783, 29.5324 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 27.3180, 27.8783, 29.5324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

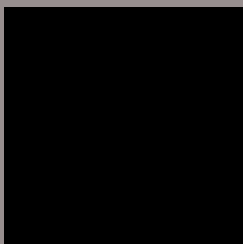
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

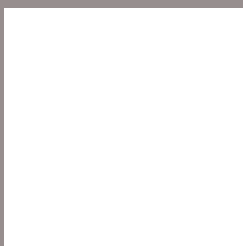
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3180, 27.8783, 29.5324

Background



This preview shows how black text looks on a background with the XYZ color 27.3180, 27.8783, 29.5324.

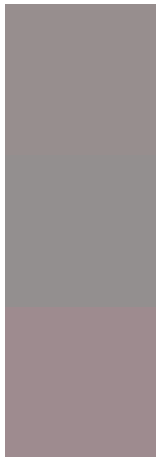


This preview shows how white text looks on a background with the XYZ color 27.3180, 27.8783,

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

27.3180, 27.8783, 29.5324

Protanopia

26.8130, 27.8311, 29.9453

Deuteranopia

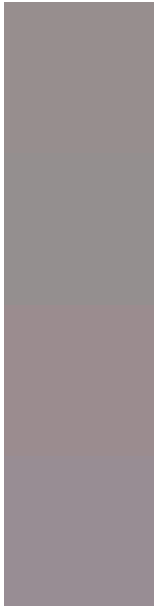
28.2911, 27.7175, 29.8455



Tritanopia

28.1413, 27.9922, 33.6256

Trichromacy



Original Color

27.3180, 27.8783, 29.5324

Protanomaly

26.9931, 27.9240, 29.9538

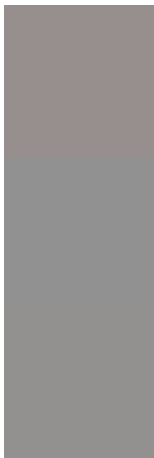
Deuteranomaly

27.8536, 27.7079, 29.8667

Tritanomaly

27.8191, 27.8633, 31.9289

Monochromacy



Original Color

27.3180, 27.8783, 29.5324

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0399, 28.1632, 30.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3180, 27.8783, 29.5324 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(151, 142, 142) looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 142)  
}
```

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(151, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.3180, 27.8783, 29.5324 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(151, 142, 142) }
```


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

```
.border{ border-color:rgb(151, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3180, 27.8783, 29.5324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 142) }
```

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

```
.background{ background-color: rgb(151,  
142, 142) }
```

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