

Converting Colors

XYZ(27.4609, 29.0909, 31.8757)

Have a look what the booklet for
XYZ(27.4609, 29.0909, 31.8757)
contains.

XYZ(27.3772, 28.9938, 31.7572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(27.3772, 28.9938,
31.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	919393
RGB	145, 147, 147
RGB Percent	57%, 58%, 58%
CMY	0.4314, 0.4235, 0.4235
CMYK	0.01, 0.00, 0.00, 0.42
HSL	180°, 1%, 57%
HSV	180°, 1%, 58%
XYZ	27.3772, 28.9938, 31.7572
YIQ	146.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

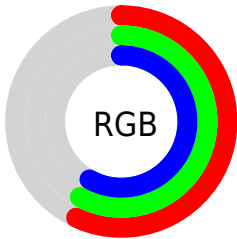
Format	Color
RYB	145, 146, 147
Decimal	9540499
CIELab	60.78, -0.72, -0.26
CIELCh	61, 0.770, 199.893
Yxy	28.9938, 0.3107, 0.3290
Android (android.graphics.Color)	4287730579 (0xFF919393)
YUV	146.4020, 0.2948, -1.2296
Hunter-Lab	53.8459, -3.4744, 2.7241

Details

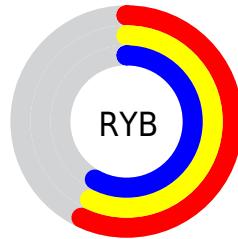
The XYZ color **27.3772, 28.9938, 31.7572** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.2699, 28.4988, 30.8530**, and the grayscale version is **27.4865, 28.9179, 31.4916**.

A 20% lighter version of the original color is **54.9824, 58.1324, 63.5811**, and **11.1517, 11.8454, 13.0079** is the 20% darker color. If you saturate the color by 10%, you get **24.9513, 27.7442, 31.6360**, and if you desaturate by 10%, it is **30.1399, 30.4187, 31.8953**.

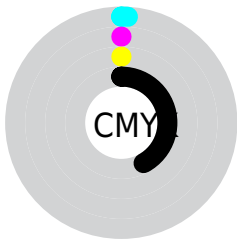
Distribution



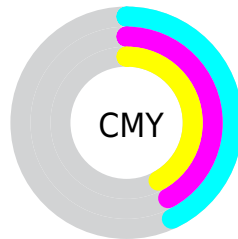
- Red (57%)
- Green (58%)
- Blue (58%)



- Red (57%)
- Yellow (57%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3772, 28.9938, 31.7572 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 27.3772, 28.9938, 31.7572 by changing the saturation by 10% instead.

■ 27.3772, 28.9938,
31.7572

■ 27.3772, 28.9938,
31.7572

281.6132,
297.1857, 324.4703

■ 17.9948, 19.0761,
20.9128

■ 54.9042, 58.0672,
63.5237

■ 11.0459, 11.7253,
12.8697

■ 73.7795, 77.9918,
85.2830

■ 6.1652, 6.5569,
7.2092

96.5497, 102.0208,
111.5176

■ 2.9874, 3.1866,
3.5128

123.5803,
130.5385, 142.6462

■ 1.1471, 1.2299,
1.3621

155.2366,
163.9295, 179.0872

■ 0.0640, 0.0859,
0.1119

191.8839,

■ 0.0000, 0.0000,

202.5781, 221.2592

0.0000

233.8877,
246.8687, 269.5807

■ 27.3772, 28.9938,
31.7572

■ 27.3772, 28.9938,
31.7572

■ 24.9513, 27.7442,
31.6360

■ 30.1399, 30.4187,
31.8953

■ 22.8471, 26.6596,
31.5293

■ 33.2491, 32.0213,
32.0490

■ 21.0517, 25.7343,
31.4371

■ 36.7171, 33.8090,
32.2196

■ 19.5507, 24.9606,
31.3586

■ 40.5548, 35.7872,
32.4074

■ 18.3282, 24.3306,
31.2932

■ 44.7727, 37.9614,
32.6130

■ 17.3673, 23.8354,
31.2400

■ 49.3809, 40.3368,
32.8369

■ 16.6487, 23.4651,
31.1982

■ 54.3890, 42.9184,
33.0795

■ 16.1508, 23.2087,
31.1667

■ 56.9535, 44.2403,
33.2078

■ 15.8482, 23.0529,
31.1443

■ 56.9550, 44.2409,
33.2161

Harmonies

Analogous

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



27.3687, 28.9938, 31.4727



27.3772, 28.9938, 31.7572



27.4340, 28.9938, 31.9927

Triad

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



27.3772, 28.9938, 31.7572



27.7052, 28.9938, 31.9257



27.5915, 28.9938, 31.0299

Complementary

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



27.3772, 28.9938, 31.7572



27.2699, 28.4988, 30.8530

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.



27.6819, 28.9938, 31.1497



27.3772, 28.9938, 31.7572



27.7476, 28.9938, 31.6661

Square

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



27.3772, 28.9938, 31.7572



27.6233, 28.9938, 32.0903



27.7391, 28.9938, 31.3822



27.4923, 28.9938, 31.0540

Rectangle

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



27.3772, 28.9938, 31.7572



27.4916, 28.9938, 32.0896



27.7391, 28.9938, 31.3822



27.6239, 28.9938, 31.0547

Sweetspot

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



27.3780, 28.9950, 31.7578



49.6657, 52.2522, 56.9026



27.2282, 28.9358, 30.9384



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



27.3780, 28.9950, 31.7578



48.7140, 51.7616, 56.8551



27.2283, 28.6953, 31.7090



6.3875, 6.7805, 7.4415



13.5977, 19.9119, 26.9866



0.1665, 0.2437, 0.3308

Inverse Universe

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



27.2699, 28.4988, 30.8530



48.4252, 50.4364, 54.4385



27.4183, 28.7959, 30.9014



6.3533, 6.6238, 7.1558



10.4327, 5.3781, 0.4936



0.1278, 0.0659, 0.0064

Previews

White Background



This preview shows how the XYZ color 27.3772, 28.9938, 31.7572 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 27.3772, 28.9938, 31.7572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

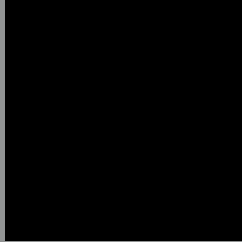
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

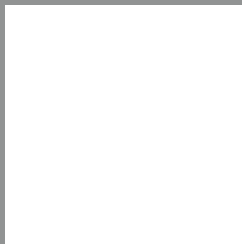
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3772, 28.9938, 31.7572

Background



This preview shows how black text looks on a background with the XYZ color 27.3772, 28.9938, 31.7572.

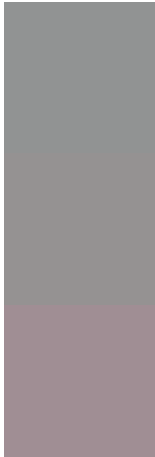


This preview shows how white text looks on a background with the XYZ color 27.3772, 28.9938,

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

27.3772, 28.9938, 31.7572

Protanopia

27.8616, 29.0227, 31.3276

Deuteranopia

29.5155, 28.9577, 32.0507



Tritanopia

28.2438, 28.8882, 35.9857

Trichromacy



Original Color

27.3772, 28.9938, 31.7572

Protanomaly

27.6799, 28.9290, 31.3191

Deuteranomaly

28.8361, 29.0532, 32.1050

Tritanomaly

27.8827, 28.9687, 34.2589

Monochromacy



Original Color

27.3772, 28.9938, 31.7572

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3213, 28.7441, 31.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3772, 28.9938, 31.7572 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(145, 147, 147) looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 147)  
}
```

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(145, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.3772, 28.9938, 31.7572 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(145, 147, 147) }
```

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

```
.border{ border-color:rgb(145, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
147) }
```


Background

The CSS property to change the background color of an element to XYZ 27.3772, 28.9938, 31.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 147) }
```

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

```
.background{ background-color: rgb(145,  
147, 147) }
```

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