

Converting Colors

XYZ(27.6380, 27.3983, 31.2717)

Have a look what the booklet for
XYZ(27.6380, 27.3983, 31.2717)
contains.

XYZ(27.6359, 27.3441, 31.4251)	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(27.6359, 27.3441,
31.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	998B93
RGB	153, 139, 147
RGB Percent	60%, 55%, 58%
CMY	0.4000, 0.4549, 0.4235
CMYK	0.00, 0.09, 0.04, 0.40
HSL	326°, 6%, 57%
HSV	326°, 9%, 60%
XYZ	27.6359, 27.3441, 31.4251
YIQ	144.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

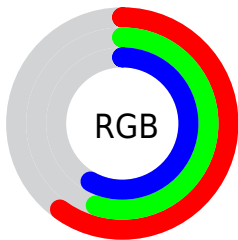
Format	Color
R_YB	153, 139, 147
Decimal	10062739
CIE Lab	59.29, 6.71, -2.36
CIE LCh	59, 7.114, 340.644
Yxy	27.3441, 0.3198, 0.3165
Android (android.graphics.Color)	4288252819 (0xFF998B93)
YUV	144.0980, 1.4307, 7.8071
Hunter-Lab	52.2916, 2.8263, 0.9733

Details

The XYZ color **27.6359, 27.3441, 31.4251** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1505, 30.3164, 31.2101**, and the grayscale version is **26.5421, 27.9244, 30.4096**.

A 20% lighter version of the original color is **55.1244, 55.1817, 63.0041**, and **11.2095, 10.8326, 12.8094** is the 20% darker color. If you saturate the color by 10%, you get **25.0739, 23.0200, 28.1041**, and if you desaturate by 10%, it is **30.5389, 32.3024, 35.0052**.

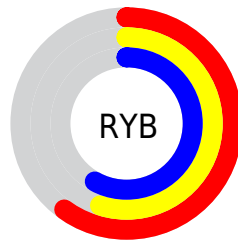
Distribution



Red (60%)

Green (55%)

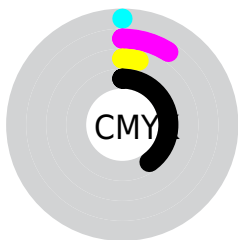
Blue (58%)



Red (60%)

Yellow (55%)

Blue (58%)

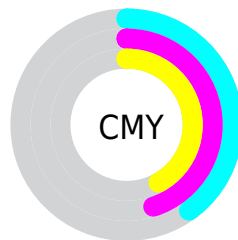


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6359, 27.3441, 31.4251 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 27.6359, 27.3441, 31.4251 by changing the saturation by 10% instead.

■ 27.6359, 27.3441,
31.4251

■ 27.6359, 27.3441,
31.4251

282.8347,
289.3194, 322.9036

■ 18.1904, 17.8318,
20.6616

■ 55.3153, 55.4355,
62.9961

■ 11.1873, 10.8293,
12.6880

■ 74.2800, 74.7835,
84.6407

■ 6.2612, 5.9522,
7.0859

■ 97.1484, 98.1788,
110.7495

■ 3.0467, 2.8160,
3.4366

124.2860,
126.0059, 141.7408

■ 1.1785, 1.0365,
1.3217

156.0581,
158.6490, 178.0334

■ 0.0893, 0.0000,
0.0794

192.8300,

■ 0.0000, 0.0000,

196.4927, 220.0457

0.0000

234.9671,
239.9214, 268.1963

■ 27.6359, 27.3441,
31.4251

■ 27.6359, 27.3441,
31.4251

■ 25.0739, 23.0200,
28.1041

■ 30.5389, 32.3024,
35.0052

■ 22.8372, 19.3008,
25.0337

■ 33.7930, 37.9157,
38.8490

■ 20.9125, 16.1601,
22.2072

■ 37.4110, 44.2081,
42.9636

■ 19.2844, 13.5680,
19.6170

■ 41.4041, 51.2017,
47.3548

■ 17.9363, 11.4923,
17.2550

■ 45.7831, 58.9172,
52.0285

■ 16.8499, 9.8970,
15.1123

■ 50.5584, 67.3747,
56.9902

■ 16.0044, 8.7416,
13.1794

■ 55.7400, 76.5935,
62.2453

■ 15.3758, 7.9788,
11.4454

■ 59.2602, 82.4377,
67.1067

■ 14.9116, 7.5048,
9.8899

■ 60.0407, 82.7499,
71.2170

Harmonies

Analogous

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



27.1190, 27.3441, 33.6438



27.6359, 27.3441, 31.4251



27.7060, 27.3441, 28.8781

Triad

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



27.6359, 27.3441, 31.4251



25.6753, 27.3441, 25.2168



24.7143, 27.3441, 33.0766

Complementary

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



27.6359, 27.3441, 31.4251



27.1505, 30.3164, 31.2101

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.



24.3459, 27.3441, 30.6864



27.6359, 27.3441, 31.4251



24.8923, 27.3441, 26.2112

Square

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



27.6359, 27.3441, 31.4251



26.5604, 27.3441, 25.3895



24.4103, 27.3441, 28.1800



25.4274, 27.3441, 34.6343

Rectangle

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



27.6359, 27.3441, 31.4251



27.4882, 27.3441, 27.3472



24.4103, 27.3441, 28.1800



24.5468, 27.3441, 32.3384

Sweetspot

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



27.6367, 27.3453, 31.4257



52.5846, 54.2399, 60.1269



26.6311, 26.7711, 33.9010



11.5223, 11.8248, 13.1673



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.



27.6367, 27.3453, 31.4257



48.4950, 47.2778, 55.0111



27.1163, 27.1372, 28.6856



6.3492, 6.2788, 7.2191



12.3102, 6.1783, 8.1587



0.2022, 0.0996, 0.2178

Inverse Universe

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



27.6367, 27.3453, 31.4257



48.4950, 47.2778, 55.0111



27.6934, 30.5335, 34.0686



6.3492, 6.2788, 7.2191



12.3102, 6.1783, 8.1587



0.2022, 0.0996, 0.2178

Previews

White Background



This preview shows how the XYZ color 27.6359, 27.3441, 31.4251 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 27.6359, 27.3441, 31.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

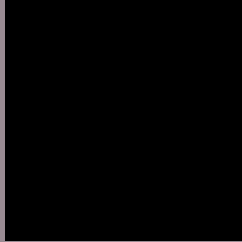
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6359, 27.3441, 31.4251

Background



This preview shows how black text looks on a background with the XYZ color 27.6359, 27.3441, 31.4251.



This preview shows how white text looks on a background with the XYZ color 27.6359, 27.3441,

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

27.6359, 27.3441, 31.4251

Protanopia

26.5994, 27.4452, 32.3293

Deuteranopia

27.8725, 27.2521, 31.3949



Tritanopia

27.7943, 27.4075, 32.2590

Trichromacy



Original Color

27.6359, 27.3441, 31.4251

Protanomaly

26.9028, 27.3909, 31.8860

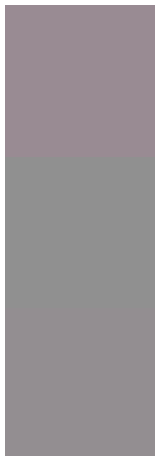
Deuteranomaly

27.6814, 27.1536, 31.3860

Tritanomaly

27.7148, 27.3757, 31.8403

Monochromacy



Original Color

27.6359, 27.3441, 31.4251

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8165, 27.5934, 30.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6359, 27.3441, 31.4251 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(153, 139, 147)` looks like.

```
.text, #text, p{  
    color:rgb(153, 139, 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(153, 139, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 139, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.6359, 27.3441, 31.4251 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(153, 139, 147) }
```


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

```
.border{ border-color:rgb(153, 139, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 139, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 139, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 139, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 139,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6359, 27.3441, 31.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 139, 147) }
```

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

```
.background{ background-color: rgb(153,  
139, 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](#).

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