

Converting Colors

XYZ(28.4389, 28.1657, 33.3259)

Have a look what the booklet for
XYZ(28.4389, 28.1657, 33.3259)
contains.

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Color

**XYZ(28.4372, 28.1541,
33.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8D97
RGB	154, 141, 151
RGB Percent	60%, 55%, 59%
CMY	0.3961, 0.4470, 0.4078
CMYK	0.00, 0.08, 0.02, 0.40
HSL	314°, 6%, 58%
HSV	314°, 8%, 60%
XYZ	28.4372, 28.1541, 33.2136
YIQ	146.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

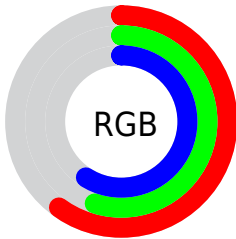
Format	Color
RYB	154, 141, 151
Decimal	10128791
CIELab	60.03, 6.71, -3.55
CIElCh	60, 7.591, 332.118
Yxy	28.1541, 0.3167, 0.3135
Android (android.graphics.Color)	4288318871 (0xFF9A8D97)
YUV	146.0270, 2.4517, 6.9923
Hunter-Lab	53.0604, 2.8095, 0.0293

Details

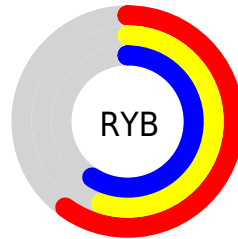
The XYZ color **28.4372, 28.1541, 33.2136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5752, 30.7883, 30.8764**, and the grayscale version is **27.3223, 28.7452, 31.3035**.

A 20% lighter version of the original color is **56.5470, 56.8479, 65.7500**, and **11.6349, 11.2858, 13.6218** is the 20% darker color. If you saturate the color by 10%, you get **26.0384, 23.8112, 31.0113**, and if you desaturate by 10%, it is **31.1621, 33.1344, 35.5682**.

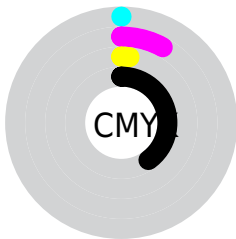
Distribution



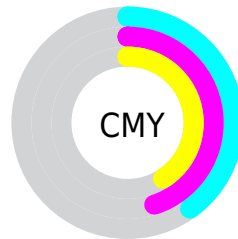
- Red (60%)
- Green (55%)
- Blue (59%)



- Red (60%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4372, 28.1541, 33.2136 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 28.4372, 28.1541, 33.2136 by changing the saturation by 10% instead.

■ 28.4372, 28.1541,
33.2136

■ 28.4372, 28.1541,
33.2136

286.5925,
293.2025, 331.2726

■ 18.7976, 18.4419,
22.0177

■ 56.5855, 56.7304,
65.8287

■ 11.6273, 11.2677,
13.6714

■ 75.8249, 76.3632,
88.0850

■ 6.5608, 6.2472,
7.7564

■ 98.9949, 100.0717,
114.8651

■ 3.2329, 2.9960,
3.8539

126.4610,
128.2402, 146.5877

■ 1.2781, 1.1296,
1.5456

158.5885,
161.2531, 183.6711

■ 0.1667, 0.0031,
0.2515

195.7426,

■ 0.0000, 0.0000,

199.4949, 226.5341

0.0000

238.2888,
243.3499, 275.5951

■ 28.4372, 28.1541,
33.2136

■ 28.4372, 28.1541,
33.2136

■ 26.0384, 23.8112,
31.0113

■ 31.1621, 33.1344,
35.5682

■ 23.9503, 20.0762,
28.9548

■ 34.2229, 38.7730,
38.0778

■ 22.1596, 16.9225,
27.0397

■ 37.6321, 45.0941,
40.7472

■ 20.6515, 14.3203,
25.2606

■ 41.4007, 52.1198,
43.5804

■ 19.4095, 12.2370,
23.6116

■ 45.5394, 59.8712,
46.5814

■ 18.4157, 10.6366,
22.0864

■ 50.0582, 68.3683,
49.7538

■ 17.6496, 9.4785,
20.6778

■ 54.9669, 77.6306,
53.1014

■ 17.0876, 8.7155,
19.3774

■ 57.2678, 81.6626,
55.6251

■ 16.6830, 8.2544,
18.1693

■ 57.6332, 81.8088,
57.5494

Harmonies

Analogous

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



27.7605, 28.1541, 35.3904



28.4372, 28.1541, 33.2136



28.6613, 28.1541, 30.4586

Triad

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



28.4372, 28.1541, 33.2136



26.6910, 28.1541, 25.6351



25.2154, 28.1541, 33.5746

Complementary

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



28.4372, 28.1541, 33.2136



27.5752, 30.7883, 30.8764

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.



24.9440, 28.1541, 30.8523



28.4372, 28.1541, 33.2136



25.7831, 28.1541, 26.3621

Square

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



28.4372, 28.1541, 33.2136



27.6387, 28.1541, 26.1845



25.1494, 28.1541, 28.2313



25.8994, 28.1541, 35.6075

Rectangle

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



28.4372, 28.1541, 33.2136



28.5196, 28.1541, 28.6932



25.1494, 28.1541, 28.2313



25.0736, 28.1541, 32.7043

Sweetspot

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



28.4380, 28.1553, 33.2142



54.2466, 55.8653, 62.6013



26.8283, 27.2970, 34.4271



12.1915, 12.4859, 14.0943



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.4380, 28.1553, 33.2142



50.8497, 49.6739, 59.6112



27.9387, 27.9556, 30.5848



6.4002, 6.2992, 7.4876



13.5576, 6.6773, 14.7272



0.2160, 0.1052, 0.2905

Inverse Universe

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



28.4380, 28.1553, 33.2142



50.8497, 49.6739, 59.6112



28.0716, 30.9869, 33.4903



6.4002, 6.2992, 7.4876



13.5576, 6.6773, 14.7272



0.2160, 0.1052, 0.2905

Previews

White Background



This preview shows how the XYZ color 28.4372, 28.1541, 33.2136 looks on a white background.

Color Contrast Check

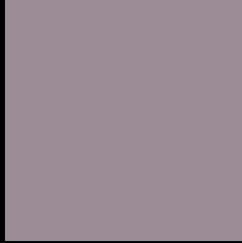
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4372, 28.1541, 33.2136 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

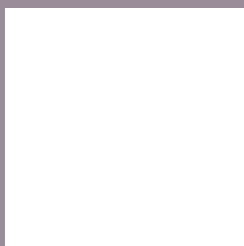
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4372, 28.1541, 33.2136

Background



This preview shows how black text looks on a background with the XYZ color 28.4372, 28.1541, 33.2136.



This preview shows how white text looks on a background with the XYZ color 28.4372, 28.1541,

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

28.4372, 28.1541, 33.2136

Protanopia

27.4001, 28.2662, 34.1488

Deuteranopia

28.6743, 28.0585, 33.1827



Tritanopia

28.5188, 28.1868, 33.6433

Trichromacy



Original Color

28.4372, 28.1541, 33.2136

Protanomaly

27.7027, 28.2078, 33.6903

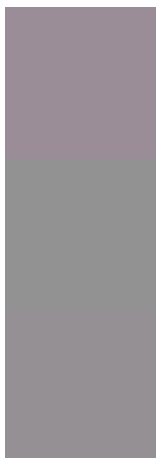
Deuteranomaly

28.4816, 27.9591, 33.1737

Tritanomaly

28.5188, 28.1868, 33.6433

Monochromacy



Original Color

28.4372, 28.1541, 33.2136

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7130, 28.4742, 32.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4372, 28.1541, 33.2136 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(154, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(154, 141, 151)  
}
```

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(154, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 141, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.4372, 28.1541, 33.2136 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(154, 141, 151) }
```


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

```
.border{ border-color:rgb(154, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(154, 141,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4372, 28.1541, 33.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 141, 151) }
```

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

```
.background{ background-color: rgb(154,  
141, 151) }
```

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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