

Converting Colors

XYZ(27.2736, 28.8423, 33.5962)

Have a look what the booklet for
XYZ(27.2736, 28.8423, 33.5962)
contains.

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Color

**XYZ(27.3473, 28.9414,
33.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9397
RGB	143, 147, 151
RGB Percent	56%, 58%, 59%
CMY	0.4392, 0.4235, 0.4078
CMYK	0.05, 0.03, 0.00, 0.41
HSL	210°, 4%, 58%
HSV	210°, 5%, 59%
XYZ	27.3473, 28.9414, 33.4231
YIQ	146.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

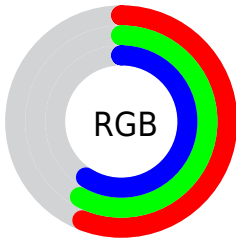
Format	Color
R_{YB}	143, 146, 151
Decimal	9409431
CIE _{Lab}	60.73, -0.65, -2.62
CIE _{LCh}	61, 2.700, 256.178
Yxy	28.9414, 0.3048, 0.3226
Android (android.graphics.Color)	4287599511 (0xFF8F9397)
YUV	146.2600, 2.3368, -2.8590
Hunter-Lab	53.7972, -3.4063, 0.8224

Details

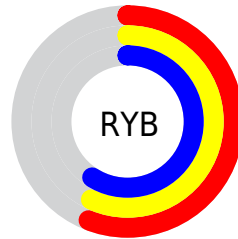
The XYZ color **27.3473, 28.9414, 33.4231** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1543, 29.4297, 30.1836**, and the grayscale version is **27.4207, 28.8487, 31.4162**.

A 20% lighter version of the original color is **54.9320, 58.0514, 66.0674**, and **11.0891, 11.7966, 13.7491** is the 20% darker color. If you saturate the color by 10%, you get **23.7722, 25.4140, 32.9311**, and if you desaturate by 10%, it is **31.3529, 32.8067, 33.9585**.

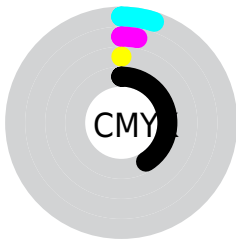
Distribution



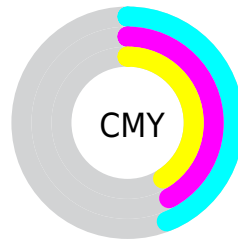
- Red (56%)
- Green (58%)
- Blue (59%)



- Red (56%)
- Yellow (57%)
- Blue (59%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3473, 28.9414, 33.4231 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 27.3473, 28.9414, 33.4231 by changing the saturation by 10% instead.

■ 27.3473, 28.9414,
33.4231

■ 27.3473, 28.9414,
33.4231

281.4718,
296.9384, 332.2422

■ 17.9722, 19.0365,
22.1770

■ 54.8566, 57.9840,
66.1591

■ 11.0296, 11.6967,
13.7875

■ 73.7215, 77.8904,
88.4862

■ 6.1542, 6.5375,
7.8359

■ 96.4804, 101.8995,
115.3439

■ 2.9806, 3.1746,
3.9039

123.4986,
130.3956, 147.1509

■ 1.1435, 1.2235,
1.5728

155.1415,
163.7632, 184.3257

■ 0.0611, 0.0808,
0.2713

191.7744,

■ 0.0000, 0.0000,

202.3866, 227.2868

0.0000

233.7627,
246.6502, 276.4528

■ 27.3473, 28.9414,
33.4231

■ 27.3473, 28.9414,
33.4231

■ 23.7722, 25.4140,
32.9311

■ 31.3529, 32.8067,
33.9585

■ 20.6098, 22.2105,
32.4795

■ 35.8012, 37.0157,
34.5365

■ 17.8444, 19.3217,
32.0676

■ 40.7068, 41.5790,
35.1587

■ 15.4585, 16.7360,
31.6943

■ 46.0831, 46.5054,
35.8262

■ 13.4332, 14.4414,
31.3581

■ 51.9427, 51.8033,
36.5400

■ 11.7476, 12.4246,
31.0577

■ 58.2978, 57.4810,
37.3010

■ 10.3788, 10.6713,
30.7914

■ 65.1602, 63.5464,
38.1100

■ 9.3002, 9.1650,
30.5575

■ 69.2285, 68.2994,
38.8130

■ 8.4775, 7.8854,
30.3539

■ 71.1049, 72.0522,
39.4385

Harmonies

Analogous

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



27.0441, 28.9414, 32.9249



27.3473, 28.9414, 33.4231



27.6961, 28.9414, 33.4018

Triad

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



27.3473, 28.9414, 33.4231



28.1600, 28.9414, 30.9778



27.0247, 28.9414, 30.1951

Complementary

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



27.3473, 28.9414, 33.4231



28.1543, 29.4297, 30.1836

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.



27.3207, 28.9414, 29.6954



27.3473, 28.9414, 33.4231



27.9770, 28.9414, 30.1407

Square

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



27.3473, 28.9414, 33.4231



28.1673, 28.9414, 31.9755



27.6692, 28.9414, 29.6757



26.8589, 28.9414, 31.0536

Rectangle

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



27.3473, 28.9414, 33.4231



27.9075, 28.9414, 33.0954



27.6692, 28.9414, 29.6757



27.1122, 28.9414, 29.9804

Sweetspot

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



27.3481, 28.9426, 33.4237



51.2274, 54.0196, 60.1605



27.6508, 30.0758, 31.8972



11.6632, 12.2972, 13.6764



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.



27.3481, 28.9426, 33.4237



48.4213, 51.2900, 59.7815



26.7565, 27.7594, 33.2265



6.3682, 6.7480, 7.8958



6.9526, 6.3018, 25.7576



0.1403, 0.1669, 0.3972

Inverse Universe

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



27.8521, 28.3314, 31.6057



49.4600, 50.0386, 56.0324



28.7661, 30.6533, 30.3876



6.5130, 6.5740, 7.3732



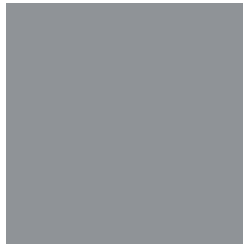
11.9681, 6.0415, 6.3570



0.1973, 0.0977, 0.1916

Previews

White Background



This preview shows how the XYZ color 27.3473, 28.9414, 33.4231 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 27.3473, 28.9414, 33.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

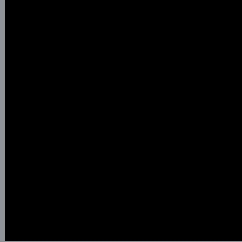
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

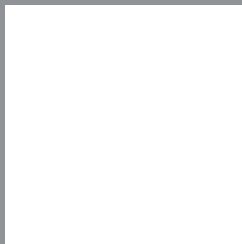
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3473, 28.9414, 33.4231

Background



This preview shows how black text looks on a background with the XYZ color 27.3473, 28.9414, 33.4231.



This preview shows how white text looks on a background with the XYZ color 27.3473, 28.9414,

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

27.3473, 28.9414, 33.4231

Protanopia

27.9966, 29.0557, 32.9869

Deuteranopia

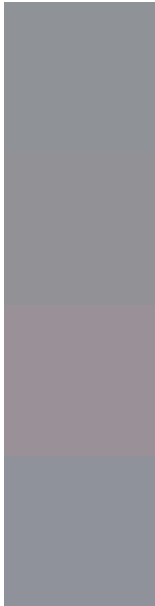
29.4410, 28.8821, 33.7289



Tritanopia

27.9520, 28.9557, 36.4635

Trichromacy



Original Color

27.3473, 28.9414, 33.4231

Protanomaly

27.6380, 28.8708, 32.9701

Deuteranomaly

28.7776, 28.9858, 33.7838

Tritanomaly

27.6969, 28.8536, 35.1199

Monochromacy



Original Color

27.3473, 28.9414, 33.4231

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3012, 28.7156, 32.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3473, 28.9414, 33.4231 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(143, 147, 151) looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 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(143, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.3473, 28.9414, 33.4231 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(143, 147, 151) }
```


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

```
.border{ border-color:rgb(143, 147, 151) }
```

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

Here you see how a box with a 4 pixel rgb(143, 147, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3473, 28.9414, 33.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 151) }
```

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

```
.background{ background-color: rgb(143,  
147, 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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