

Converting Colors

XYZ(28.3076, 31.3744, 32.8089)

Have a look what the booklet for
XYZ(28.3076, 31.3744, 32.8089)
contains.

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Color

**XYZ(28.3015, 31.3634,
32.9959)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9B95
RGB	142, 155, 149
RGB Percent	56%, 61%, 58%
CMY	0.4431, 0.3921, 0.4157
CMYK	0.08, 0.00, 0.04, 0.39
HSL	152°, 6%, 58%
HSV	152°, 8%, 61%
XYZ	28.3015, 31.3634, 32.9959
YIQ	150.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

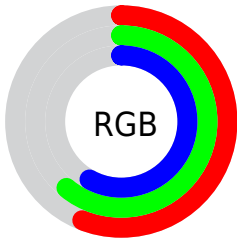
Format	Color
RYB	142, 150, 155
Decimal	9345941
CIELab	62.81, -5.83, 1.55
CIELCh	63, 6.032, 165.133
Yxy	31.3634, 0.3054, 0.3385
Android (android.graphics.Color)	4287536021 (0xFF8E9B95)
YUV	150.4290, -0.7045, -7.3922
Hunter-Lab	56.0030, -7.7992, 4.2696

Details

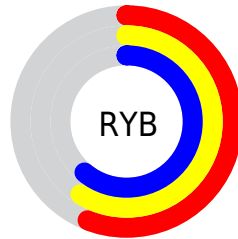
The XYZ color **28.3015, 31.3634, 32.9959** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5370, 28.4535, 32.0064**, and the grayscale version is **29.1771, 30.6966, 33.4286**.

A 20% lighter version of the original color is **56.3449, 61.6485, 65.4296**, and **11.5686, 13.0578, 13.4659** is the 20% darker color. If you saturate the color by 10%, you get **25.2711, 29.8660, 29.9633**, and if you desaturate by 10%, it is **31.7387, 33.0681, 36.2321**.

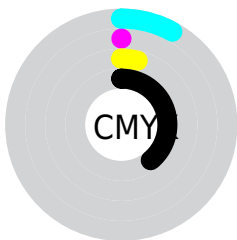
Distribution



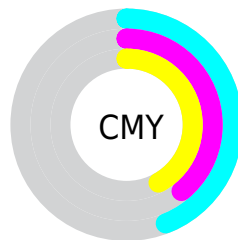
- Red (56%)
- Green (61%)
- Blue (58%)



- Red (56%)
- Yellow (59%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3015, 31.3634, 32.9959 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 28.3015, 31.3634, 32.9959 by changing the saturation by 10% instead.

■ 28.3015, 31.3634,
32.9959

■ 28.3015, 31.3634,
32.9959

285.9588,
308.2090, 330.2627

■ 18.6947, 20.8757,
21.8522

■ 56.3707, 61.8118,
65.4851

■ 11.5526, 13.0332,
13.5511

■ 75.5638, 82.5412,
87.6676

■ 6.5098, 7.4514,
7.6739

■ 98.6831, 107.4534,
114.3669

■ 3.2011, 3.7460,
3.8023

126.0938,
136.9327, 146.0014

■ 1.2610, 1.5325,
1.5175

158.1614,
171.3636, 182.9897

■ 0.1537, 0.3114,
0.2309

195.2512,

■ 0.0000, 0.0000,

211.1303, 225.7503

0.0000

237.7286,
256.6173, 274.7018

■ 28.3015, 31.3634,
32.9959

■ 28.3015, 31.3634,
32.9959

■ 25.2711, 29.8660,
29.9633

■ 31.7387, 33.0681,
36.2321

■ 22.6289, 28.5640,
27.1282

■ 35.5948, 34.9839,
39.6737

■ 20.3591, 27.4499,
24.4872

■ 39.8850, 37.1192,
43.3251

■ 18.4434, 26.5146,
22.0360

■ 44.6226, 39.4808,
47.1901

■ 16.8622, 25.7480,
19.7701

■ 49.8205, 42.0755,
51.2721

■ 15.5936, 25.1389,
17.6847

■ 55.4911, 44.9095,
55.5746

■ 14.6132, 24.6747,
15.7751

■ 61.6462, 47.9887,
60.1010

■ 13.8925, 24.3409,
14.0358

■ 64.1323, 49.1720,
64.6597

■ 13.3771, 24.1096,
12.4602

■ 65.0231, 49.5283,
69.3505

Harmonies

Analogous

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



28.6987, 31.3634, 31.0408



28.3015, 31.3634, 32.9959



28.3033, 31.3634, 35.3504

Triad

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



28.3015, 31.3634, 32.9959



30.2264, 31.3634, 38.7299



30.9442, 31.3634, 31.0268

Complementary

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



28.3015, 31.3634, 32.9959



28.5370, 28.4535, 32.0064

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.



31.3691, 31.3634, 32.9760



28.3015, 31.3634, 32.9959



30.9495, 31.3634, 37.4589

Square

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



28.3015, 31.3634, 32.9959



29.4044, 31.3634, 38.7358



31.3711, 31.3634, 35.3295



30.2192, 31.3634, 29.9401

Rectangle

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



28.3015, 31.3634, 32.9959



28.5302, 31.3634, 36.8337



31.3711, 31.3634, 35.3295



31.1275, 31.3634, 31.5988

Sweetspot

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



28.3024, 31.3647, 32.9966



53.8719, 57.7475, 62.1332



28.8297, 31.6992, 30.1907



12.0856, 13.0173, 13.9618



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.



28.3024, 31.3647, 32.9966



49.6505, 55.6565, 58.0825



28.7222, 31.4174, 35.5623



6.2642, 6.9784, 7.3147



10.7020, 19.3443, 9.9175



0.1784, 0.2965, 0.2449

Inverse Universe

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



28.5370, 28.4535, 32.0064



50.1550, 49.3961, 55.9533



28.1386, 28.3975, 29.5899



6.3215, 6.2677, 7.0730



11.8041, 5.9759, 5.4935



0.1946, 0.0966, 0.1774

Previews

White Background



This preview shows how the XYZ color 28.3015, 31.3634, 32.9959 looks on a white background.

Color Contrast Check

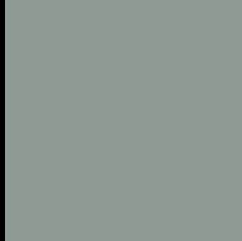
Large Text (above 18pt) WCAG AA × Fail

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 28.3015, 31.3634, 32.9959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

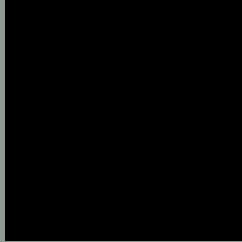
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

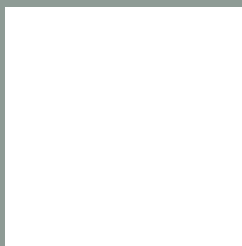
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3015, 31.3634, 32.9959

Background



This preview shows how black text looks on a background with the XYZ color 28.3015, 31.3634, 32.9959.



This preview shows how white text looks on a background with the XYZ color 28.3015, 31.3634,

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

28.3015, 31.3634, 32.9959

Protanopia

30.0434, 31.3077, 32.0633

Deuteranopia

31.9560, 31.3173, 33.6387



Tritanopia

29.8598, 31.5188, 40.1073

Trichromacy



Original Color

28.3015, 31.3634, 32.9959

Protanomaly

29.3360, 31.1739, 32.4880

Deuteranomaly

30.5119, 31.2838, 33.2844

Tritanomaly

29.3152, 31.5437, 37.3444

Monochromacy



Original Color

28.3015, 31.3634, 32.9959

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7659, 30.8615, 33.2949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3015, 31.3634, 32.9959 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(142, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 149)  
}
```

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(142, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.3015, 31.3634, 32.9959 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(142, 155, 149) }
```


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

```
.border{ border-color:rgb(142, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3015, 31.3634, 32.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 149) }
```

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

```
.background{ background-color: rgb(142,  
155, 149) }
```

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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