

Converting Colors

XYZ(28.2673, 31.2047, 33.8265)

Have a look what the booklet for
XYZ(28.2673, 31.2047, 33.8265)
contains.

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Color

**XYZ(28.2918, 31.3398,
33.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9B97
RGB	141, 155, 151
RGB Percent	55%, 61%, 59%
CMY	0.4471, 0.3921, 0.4078
CMYK	0.09, 0.00, 0.03, 0.39
HSL	163°, 7%, 58%
HSV	163°, 9%, 61%
XYZ	28.2918, 31.3398, 33.8362
YIQ	150.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

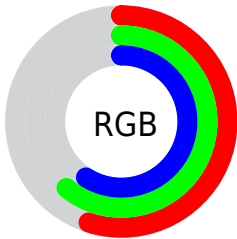
Format	Color
RYB	141, 149, 155
Decimal	9280407
CIELab	62.79, -5.78, 0.38
CIElCh	63, 5.795, 176.214
Yxy	31.3398, 0.3027, 0.3353
Android (android.graphics.Color)	4287470487 (0xFF8D9B97)
YUV	150.3580, 0.3165, -8.2070
Hunter-Lab	55.9820, -7.7593, 3.3518

Details

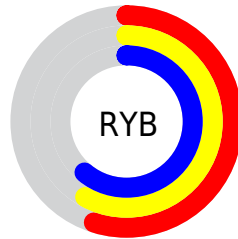
The XYZ color **28.2918, 31.3398, 33.8362** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1545, 28.0635, 30.7225**, and the grayscale version is **29.1431, 30.6608, 33.3896**.

A 20% lighter version of the original color is **56.3256, 61.6108, 66.6810**, and **11.5649, 13.0449, 13.9650** is the 20% darker color. If you saturate the color by 10%, you get **25.4855, 29.9348, 31.8621**, and if you desaturate by 10%, it is **31.4823, 32.9431, 35.9002**.

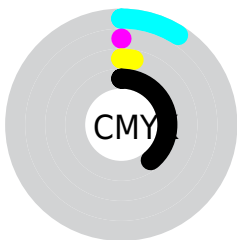
Distribution



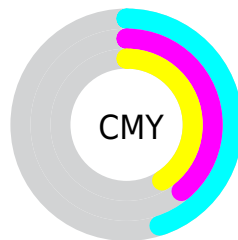
- Red (55%)
- Green (61%)
- Blue (59%)



- Red (55%)
- Yellow (58%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (45%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2918, 31.3398, 33.8362 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 28.2918, 31.3398, 33.8362 by changing the saturation by 10% instead.

■ 28.2918, 31.3398,
33.8362

■ 28.2918, 31.3398,
33.8362

285.9135,
308.1007, 334.1479

■ 18.6873, 20.8577,
22.4914

■ 56.3554, 61.7747,
66.8098

■ 11.5472, 13.0200,
14.0167

■ 75.5452, 82.4962,
89.2758

■ 6.5062, 7.4424,
7.9934

■ 98.6608, 107.3998,
116.2860

■ 3.1988, 3.7403,
4.0030

126.0676,
136.8697, 148.2588

■ 1.2597, 1.5293,
1.6270

158.1309,
171.2903, 185.6129

■ 0.1528, 0.3093,
0.3100

195.2160,

■ 0.0000, 0.0000,

211.0461, 228.7667

0.0000

237.6885,
256.5215, 278.1389

■ 28.2918, 31.3398,
33.8362

■ 28.2918, 31.3398,
33.8362

■ 25.4855, 29.9348,
31.8621

■ 31.4823, 32.9431,
35.9002

■ 23.0454, 28.7161,
29.9744

■ 35.0688, 34.7480,
38.0534

■ 20.9559, 27.6767,
28.1721

■ 39.0660, 36.7631,
40.2979

■ 19.1993, 26.8073,
26.4537

■ 43.4868, 38.9950,
42.6352

■ 17.7562, 26.0981,
24.8174

■ 48.3439, 41.4501,
45.0663

■ 16.6053, 25.5380,
23.2615

■ 53.6491, 44.1346,
47.5927

■ 15.7225, 25.1147,
21.7839

■ 59.4139, 47.0544,
50.2156

■ 15.0797, 24.8137,
20.3825

■ 61.8724, 48.2681,
52.7594

■ 14.6168, 24.6040,
19.0536

■ 62.3524, 48.4601,
55.2869

Harmonies

Analogous

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



28.5381, 31.3398, 31.7524



28.2918, 31.3398, 33.8362



28.4404, 31.3398, 36.0893

Triad

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



28.2918, 31.3398, 33.8362



30.4662, 31.3398, 38.1934



30.6435, 31.3398, 30.6214

Complementary

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



28.2918, 31.3398, 33.8362



28.1545, 28.0635, 30.7225

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.



31.1766, 31.3398, 32.2308



28.2918, 31.3398, 33.8362



31.0729, 31.3398, 36.6102

Square

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



28.2918, 31.3398, 33.8362



29.6870, 31.3398, 38.6693



31.3351, 31.3398, 34.4129



29.8883, 31.3398, 29.9491

Rectangle

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



28.2918, 31.3398, 33.8362



28.7448, 31.3398, 37.3745



31.3351, 31.3398, 34.4129



30.8552, 31.3398, 31.0671

Sweetspot

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



28.2927, 31.3411, 33.8369



53.9955, 57.7969, 62.7837



28.2425, 31.4051, 29.7731



12.1206, 13.0313, 14.1457



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.



28.2927, 31.3411, 33.8369



49.5128, 55.5471, 59.8105



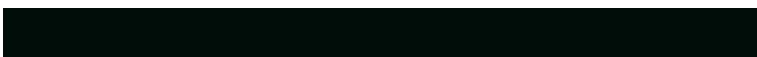
28.1627, 30.5520, 35.4247



6.3093, 6.9964, 7.5520



11.7227, 19.7525, 15.2921



0.1906, 0.3015, 0.3096

Inverse Universe

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



28.1545, 28.0635, 30.7225



49.2100, 48.3660, 52.9874



28.2693, 28.7786, 29.2647



6.2778, 6.2503, 6.8430



11.2419, 5.7510, 2.5330



0.1823, 0.0917, 0.1127

Previews

White Background



This preview shows how the XYZ color 28.2918, 31.3398, 33.8362 looks on a white background.

Color Contrast Check

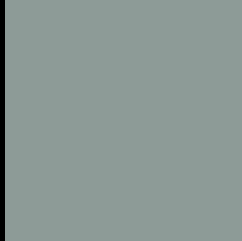
Large Text (above 18pt) WCAG AA × Fail

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 28.2918, 31.3398, 33.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

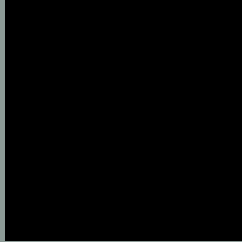
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

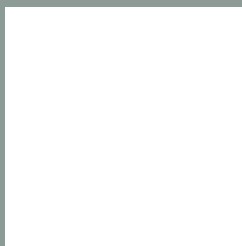
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2918, 31.3398, 33.8362

Background



This preview shows how black text looks on a background with the XYZ color 28.2918, 31.3398, 33.8362.

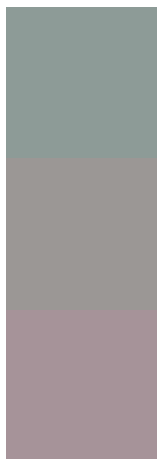


This preview shows how white text looks on a background with the XYZ color 28.2918, 31.3398,

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

28.2918, 31.3398, 33.8362

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

31.9094, 31.2743, 34.4917



Tritanopia

29.5105, 31.3387, 40.0909

Trichromacy



Original Color

28.2918, 31.3398, 33.8362

Protanomaly

29.3109, 31.1425, 33.3204

Deuteranomaly

30.4785, 31.2478, 34.1308

Tritanomaly

29.0561, 31.4001, 37.7871

Monochromacy



Original Color

28.2918, 31.3398, 33.8362

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 28.2918, 31.3398, 33.8362 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(141, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(141, 155, 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(141, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 155, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.2918, 31.3398, 33.8362 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(141, 155, 151) }
```


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

```
.border{ border-color:rgb(141, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(141, 155,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2918, 31.3398, 33.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 155, 151) }
```

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

```
.background{ background-color: rgb(141,  
155, 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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