

Converting Colors

XYZ(29.5848, 31.8909, 39.4431)

Have a look what the booklet for
XYZ(29.5848, 31.8909, 39.4431)
contains.

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Color

**XYZ(29.4875, 31.8378,
39.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9BA3
RGB	142, 155, 163
RGB Percent	56%, 61%, 64%
CMY	0.4431, 0.3921, 0.3608
CMYK	0.13, 0.05, 0.00, 0.36
HSL	203°, 10%, 60%
HSV	203°, 13%, 64%
XYZ	29.4875, 31.8378, 39.2415
YIQ	152.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

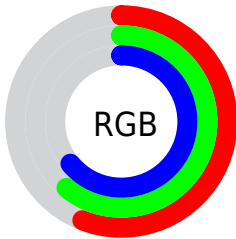
Format	Color
RYB	142, 150, 163
Decimal	9345955
CIELab	63.21, -2.93, -5.76
CIELCh	63, 6.466, 243.017
Yxy	31.8378, 0.2932, 0.3166
Android (android.graphics.Color)	4287536035 (0xFF8E9BA3)
YUV	152.0250, 5.4107, -8.7919
Hunter-Lab	56.4250, -5.4603, -1.7365

Details

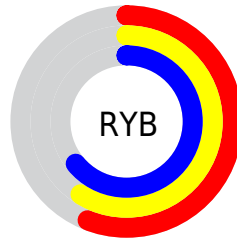
The XYZ color **29.4875, 31.8378, 39.2415** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8932, 31.5520, 30.0536**, and the grayscale version is **29.8371, 31.3910, 34.1848**.

A 20% lighter version of the original color is **58.2203, 62.3986, 75.3053**, and **12.2332, 13.3236, 16.9659** is the 20% darker color. If you saturate the color by 10%, you get **25.8863, 28.4876, 38.7852**, and if you desaturate by 10%, it is **33.5527, 35.5077, 39.7361**.

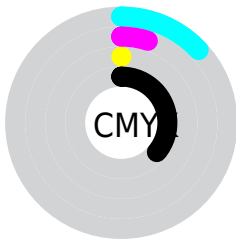
Distribution



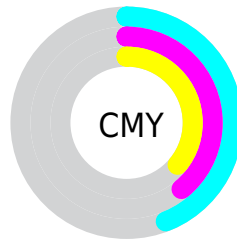
- Red (56%)
- Green (61%)
- Blue (64%)



- Red (56%)
- Yellow (59%)
- Blue (64%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4875, 31.8378, 39.2415 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 29.4875, 31.8378, 39.2415 by changing the saturation by 10% instead.

■ 29.4875, 31.8378,
39.2415

■ 29.4875, 31.8378,
39.2415

291.4611,
310.3797, 358.3727

■ 19.5960, 21.2376,
26.6384

■ 58.2430, 62.5567,
75.2315

■ 12.2083, 13.2978,
17.0718

■ 77.8377, 83.4443,
99.4555

■ 6.9589, 7.6339,
10.1232

■ 101.3975,
108.5297, 128.3901

■ 3.4825, 3.8616,
5.3740

129.2878,
138.1975, 162.4540

■ 1.4138, 1.5965,
2.4058

161.8740,
172.8320, 202.0657

■ 0.2660, 0.3552,
0.7896

199.5214,

■ 0.0000, 0.0000,

212.8176, 247.6437

0.0000

242.5953,
258.5387, 299.6065

■ 29.4875, 31.8378,
39.2415

■ 29.4875, 31.8378,
39.2415

■ 25.8863, 28.4876,
38.7852

■ 33.5527, 35.5077,
39.7361

■ 22.7278, 25.4425,
38.3639

■ 38.0964, 39.5035,
40.2679

■ 19.9932, 22.6924,
37.9772

■ 43.1361, 43.8361,
40.8385

■ 17.6611, 20.2251,
37.6238

■ 48.6874, 48.5146,
41.4490

■ 15.7080, 18.0271,
37.3025

■ 54.7651, 53.5479,
42.1002

■ 14.1081, 16.0840,
37.0118

■ 61.3835, 58.9442,
42.7930

■ 12.8317, 14.3789,
36.7500

■ 68.1499, 64.5022,
43.5091

■ 11.8435, 12.8925,
36.5151

■ 69.6024, 67.4073,
43.9933

■ 11.2572, 11.9369,
36.3616

■ 71.1138, 70.4301,
44.4971

Harmonies

Analogous

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



28.8420, 31.8378, 37.4187



29.4875, 31.8378, 39.2415



30.3515, 31.8378, 39.8191

Triad

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



29.4875, 31.8378, 39.2415



32.0104, 31.8378, 34.4074



29.3337, 31.8378, 30.6991

Complementary

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



29.4875, 31.8378, 39.2415



30.8932, 31.5520, 30.0536

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.



30.1705, 31.8378, 29.9778



29.4875, 31.8378, 39.2415



31.7255, 31.8378, 32.0516

Square

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



29.4875, 31.8378, 39.2415



31.8190, 31.8378, 36.9483



31.0477, 31.8378, 30.4607



28.7545, 31.8378, 32.4796

Rectangle

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



29.4875, 31.8378, 39.2415



30.9381, 31.8378, 39.3981



31.0477, 31.8378, 30.4607



29.5936, 31.8378, 30.3288

Sweetspot

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



29.4884, 31.8391, 39.2422



59.1781, 62.7778, 71.0544



29.7339, 34.1381, 33.7503



13.1675, 13.9890, 15.9437



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.4884, 31.8391, 39.2422



51.1916, 55.5321, 70.0768



27.8616, 28.5854, 38.6999



7.0484, 7.5558, 8.9900



8.7936, 9.3666, 28.2742



0.2282, 0.2837, 0.6086

Inverse Universe

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



30.6944, 29.4997, 35.0881



53.7260, 50.6978, 61.3279



32.5928, 34.9511, 30.6201



7.2494, 7.1562, 8.2998



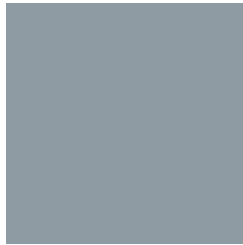
13.5841, 6.7897, 10.2662



0.3074, 0.1514, 0.3312

Previews

White Background



This preview shows how the XYZ color 29.4875, 31.8378, 39.2415 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 29.4875, 31.8378, 39.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

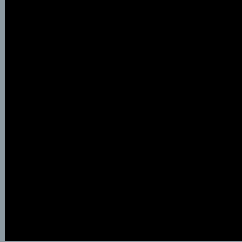
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4875, 31.8378, 39.2415

Background



This preview shows how black text looks on a background with the XYZ color 29.4875, 31.8378, 39.2415.



This preview shows how white text looks on a background with the XYZ color 29.4875, 31.8378,

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

29.4875, 31.8378, 39.2415

Protanopia

30.7981, 31.8020, 38.2334

Deuteranopia

32.1910, 31.5415, 39.5134



Tritanopia

29.8583, 31.7409, 41.1121

Trichromacy



Original Color

29.4875, 31.8378, 39.2415

Protanomaly

30.3072, 31.7807, 38.7193

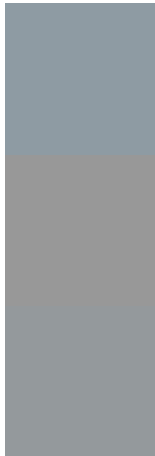
Deuteranomaly

31.2850, 31.7821, 39.6076

Tritanomaly

29.7662, 31.7040, 40.6270

Monochromacy



Original Color

29.4875, 31.8378, 39.2415

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6047, 31.4787, 35.9681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4875, 31.8378, 39.2415 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, 163) looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.4875, 31.8378, 39.2415 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, 163) }
```


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

```
.border{ border-color:rgb(142, 155, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4875, 31.8378, 39.2415 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, 163) }
```

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

```
.background{ background-color: rgb(142,  
155, 163) }
```

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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