

Converting Colors

XYZ(31.4909, 34.8626, 42.1080)

Have a look what the booklet for
XYZ(31.4909, 34.8626, 42.1080)
contains.

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Color

**XYZ(31.4928, 34.8612,
42.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA3A8
RGB	143, 163, 168
RGB Percent	56%, 64%, 66%
CMY	0.4392, 0.3608, 0.3412
CMYK	0.15, 0.03, 0.00, 0.34
HSL	192°, 13%, 61%
HSV	192°, 15%, 66%
XYZ	31.4928, 34.8612, 42.1148
YIQ	157.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

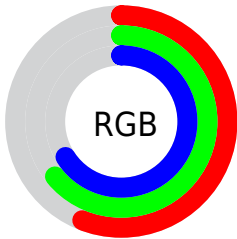
Format	Color
RYB	143, 154, 168
Decimal	9413544
CIELab	65.64, -5.91, -4.96
CIELCh	66, 7.717, 220.010
Yxy	34.8612, 0.2903, 0.3214
Android (android.graphics.Color)	4287603624 (0xFF8FA3A8)
YUV	157.5900, 5.1321, -12.7954
Hunter-Lab	59.0434, -8.1168, -0.9604

Details

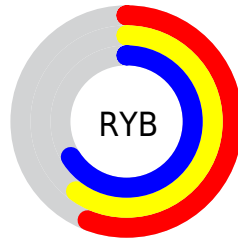
The XYZ color **31.4928, 34.8612, 42.1148** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6965, 31.4878, 30.3945**, and the grayscale version is **32.2966, 33.9785, 37.0026**.

A 20% lighter version of the original color is **61.4166, 67.3408, 79.5731**, and **13.2505, 14.9051, 18.7016** is the 20% darker color. If you saturate the color by 10%, you get **28.2113, 32.2969, 41.7933**, and if you desaturate by 10%, it is **35.2277, 37.6846, 42.4635**.

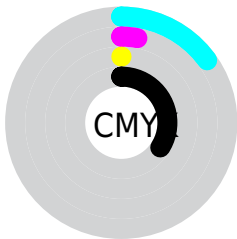
Distribution



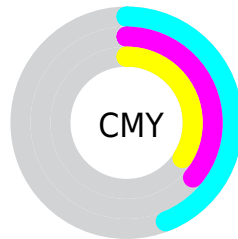
- Red (56%)
- Green (64%)
- Blue (66%)



- Red (56%)
- Yellow (60%)
- Blue (66%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4928, 34.8612, 42.1148 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 31.4928, 34.8612, 42.1148 by changing the saturation by 10% instead.

■ 31.4928, 34.8612,
42.1148

■ 31.4928, 34.8612,
42.1148

300.5888,
323.9553, 370.7723

■ 21.1281, 23.5560,
28.8650

■ 61.3857, 67.2707,
79.6453

■ 13.3306, 15.0046,
18.7340

■ 81.6445, 89.1437,
104.7630

■ 7.7352, 8.8226,
11.3034

105.9321,
115.3082, 134.6738

■ 3.9763, 4.6256,
6.1545

134.6138,
146.1484, 169.7962

■ 1.6888, 2.0293,
2.8690

168.0550,
182.0489, 210.5487

■ 0.4492, 0.6244,
1.0281

206.6210,

■ 0.0000, 0.0000,

223.3939, 257.3498

0.0000

250.6771,
270.5679, 310.6182

■ 31.4928, 34.8612,
42.1148

■ 31.4928, 34.8612,
42.1148

■ 28.2113, 32.2969,
41.7933

■ 35.2277, 37.6846,
42.4635

■ 25.3608, 29.9772,
41.4958

■ 39.4313, 40.7724,
42.8379

■ 22.9214, 27.8926,
41.2220

■ 44.1217, 44.1350,
43.2398

■ 20.8705, 26.0312,
40.9708

■ 49.3152, 47.7810,
43.6698

■ 19.1832, 24.3800,
40.7411

■ 55.0273, 51.7186,
44.1288

■ 17.8315, 22.9245,
40.5314

■ 61.2730, 55.9556,
44.6174

■ 16.7832, 21.6477,
40.3402

■ 65.9751, 59.4214,
45.0385

■ 15.9990, 20.5293,
40.1656

■ 66.6936, 60.8583,
45.2780

■ 15.6508, 19.9928,
40.0804

■ 67.4288, 62.3287,
45.5231

Harmonies

Analogous

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



31.0339, 34.8612, 39.0535



31.4928, 34.8612, 42.1148



32.3949, 34.8612, 44.1322

Triad

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



31.4928, 34.8612, 42.1148



35.2256, 34.8612, 40.1323



32.7571, 34.8612, 32.1360

Complementary

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



31.4928, 34.8612, 42.1148



31.6965, 31.4878, 30.3945

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.



33.8853, 34.8612, 32.3882



31.4928, 34.8612, 42.1148



35.3279, 34.8612, 36.8830

Square

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



31.4928, 34.8612, 42.1148



34.5559, 34.8612, 42.9432



34.8323, 34.8612, 34.0840



31.7527, 34.8612, 33.3743

Rectangle

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



31.4928, 34.8612, 42.1148



33.1349, 34.8612, 44.5494



34.8323, 34.8612, 34.0840



33.1341, 34.8612, 32.0510

Sweetspot

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



31.4938, 34.8626, 42.1156



64.5086, 68.8174, 77.1082



30.6433, 35.9705, 33.1730



13.9450, 14.9136, 16.7958



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.4938, 34.8626, 42.1156



55.0036, 61.6047, 76.2170



29.4494, 30.7739, 41.4341



7.6183, 8.2735, 9.6138



11.8552, 15.1706, 30.2789



0.3200, 0.4321, 0.7472

Inverse Universe

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



32.5826, 30.6149, 38.8440



57.3991, 52.4026, 68.9866



33.6922, 35.4791, 31.0597



7.7767, 7.6405, 9.1412



15.4846, 7.6025, 17.8950



0.3926, 0.1913, 0.5192

Previews

White Background



This preview shows how the XYZ color 31.4928, 34.8612, 42.1148 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 31.4928, 34.8612, 42.1148 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

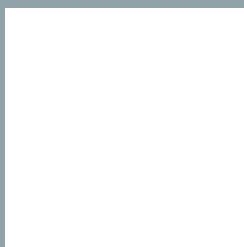
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4928, 34.8612, 42.1148

Background



This preview shows how black text looks on a background with the XYZ color 31.4928, 34.8612, 42.1148.



This preview shows how white text looks on a background with the XYZ color 31.4928, 34.8612,

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

31.4928, 34.8612, 42.1148

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

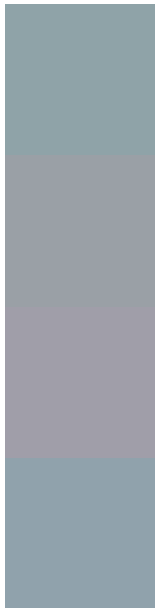
35.5546, 34.8910, 42.8909



Tritanopia

32.1598, 34.8651, 45.5921

Trichromacy



Original Color

31.4928, 34.8612, 42.1148

Protanomaly

32.7802, 34.7648, 41.0590

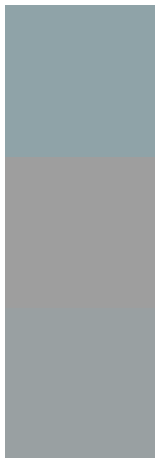
Deuteranomaly

33.8855, 34.7919, 42.4657

Tritanomaly

31.8683, 34.7485, 44.0572

Monochromacy



Original Color

31.4928, 34.8612, 42.1148

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.2293, 34.5226, 39.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4928, 34.8612, 42.1148 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, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 168)  
}
```

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, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 168) }
```

Border

The CSS property to change the border of an element to XYZ 31.4928, 34.8612, 42.1148 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, 163, 168) }
```


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

```
.border{ border-color:rgb(143, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4928, 34.8612, 42.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 168) }
```

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

```
.background{ background-color: rgb(143,  
163, 168) }
```

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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