

Converting Colors

XYZ(31.4917, 31.2621, 35.8285)

Have a look what the booklet for
XYZ(31.4917, 31.2621, 35.8285)
contains.

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Color

**XYZ(31.4909, 31.2615,
35.8268)**

Conversions

Conversions Part 1

Format	Color
Hex	A2949C
RGB	162, 148, 156
RGB Percent	64%, 58%, 61%
CMY	0.3647, 0.4196, 0.3882
CMYK	0.00, 0.09, 0.04, 0.36
HSL	326°, 7%, 61%
HSV	326°, 9%, 64%
XYZ	31.4909, 31.2615, 35.8268
YIQ	153.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

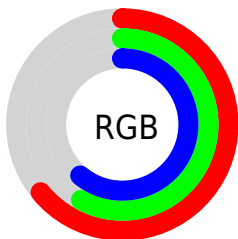
Format	Color
RYB	162, 148, 156
Decimal	10654876
CIELab	62.73, 6.64, -2.34
CIElCh	63, 7.036, 340.605
Yxy	31.2615, 0.3194, 0.3171
Android (android.graphics.Color)	4288844956 (0xFFA2949C)
YUV	153.0980, 1.4307, 7.8071
Hunter-Lab	55.9120, 2.6893, 1.1471

Details

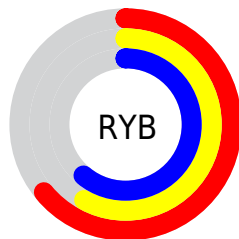
The XYZ color **31.4909, 31.2615, 35.8268** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9670, 34.4704, 35.5948**, and the grayscale version is **30.3139, 31.8925, 34.7310**.

A 20% lighter version of the original color is **61.3687, 61.6459, 69.6371**, and **13.2549, 12.8843, 15.1529** is the 20% darker color. If you saturate the color by 10%, you get **28.5545, 26.3026, 32.0295**, and if you desaturate by 10%, it is **34.8184, 36.9479, 39.9211**.

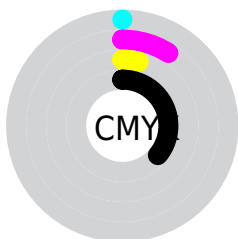
Distribution



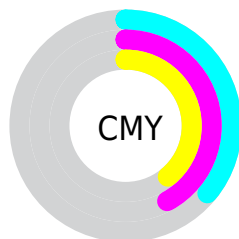
- Red (64%)
- Green (58%)
- Blue (61%)



- Red (64%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4909, 31.2615, 35.8268 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 31.4909, 31.2615, 35.8268 by changing the saturation by 10% instead.

■ 31.4909, 31.2615,
35.8268

■ 31.4909, 31.2615,
35.8268

300.5802,
307.7412, 343.2174

■ 21.1266, 20.7981,
24.0118

■ 61.3827, 61.6515,
69.9307

■ 13.3296, 12.9765,
15.1301

■ 81.6410, 82.3469,
93.0567

■ 7.7344, 7.4123,
8.7631

105.9279,
107.2218, 120.7901

■ 3.9759, 3.7213,
4.4923

134.6088,
136.6604, 153.5495

■ 1.6885, 1.5189,
1.8991

168.0492,
171.0473, 191.7533

■ 0.4490, 0.3020,
0.4922

206.6143,

■ 0.0000, 0.0000,

210.7668, 235.8203

0.0000

250.6695,
256.2033, 286.1688

■ 31.4909, 31.2615,
35.8268

■ 31.4909, 31.2615,
35.8268

■ 28.5545, 26.3026,
32.0295

■ 34.8184, 36.9479,
39.9211

■ 25.9912, 22.0375,
28.5194

■ 38.5486, 43.3855,
44.3178

■ 23.7857, 18.4359,
25.2888

■ 42.6961, 50.6021,
49.0248

■ 21.9204, 15.4636,
22.3291

■ 47.2739, 58.6229,
54.0490

■ 20.3762, 13.0836,
19.6308

■ 52.2943, 67.4718,
59.3970

■ 19.1321, 11.2546,
17.1841

■ 57.7692, 77.1718,
65.0751

■ 18.1644, 9.9301,
14.9776

■ 61.6328, 83.5904,
70.3973

■ 17.4453, 9.0561,
12.9991

■ 62.4879, 83.9324,
74.9000

■ 16.9225, 8.5286,
11.2275

■ 63.3806, 84.2895,
79.6011

Harmonies

Analogous

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



30.9324, 31.2615, 38.2177



31.4909, 31.2615, 35.8268



31.5672, 31.2615, 33.0735

Triad

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



31.4909, 31.2615, 35.8268



29.3743, 31.2615, 29.0959



28.3318, 31.2615, 37.6012

Complementary

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



31.4909, 31.2615, 35.8268



30.9670, 34.4704, 35.5948

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.



27.9331, 31.2615, 35.0220



31.4909, 31.2615, 35.8268



28.5263, 31.2615, 30.1756

Square

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



31.4909, 31.2615, 35.8268



30.3312, 31.2615, 29.2855



28.0035, 31.2615, 32.3106



29.1035, 31.2615, 39.2797

Rectangle

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



31.4909, 31.2615, 35.8268



31.3326, 31.2615, 31.4140



28.0035, 31.2615, 32.3106



28.1505, 31.2615, 36.8052

Sweetspot

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



31.4918, 31.2629, 35.8275



60.4536, 62.3515, 69.1239



30.4074, 30.6437, 38.4949



13.4708, 13.8213, 15.3936



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.



31.4918, 31.2629, 35.8275



56.2985, 55.2741, 63.9381



30.9294, 31.0379, 32.8659



7.2354, 7.1506, 8.2258



13.3019, 6.6768, 8.7806



0.3025, 0.1495, 0.3058

Inverse Universe

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



31.4918, 31.2629, 35.8275



56.2985, 55.2741, 63.9381



31.5523, 34.7045, 38.6773



7.2354, 7.1506, 8.2258



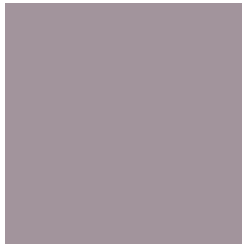
13.3019, 6.6768, 8.7806



0.3025, 0.1495, 0.3058

Previews

White Background



This preview shows how the XYZ color 31.4909, 31.2615, 35.8268 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 31.4909, 31.2615, 35.8268 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

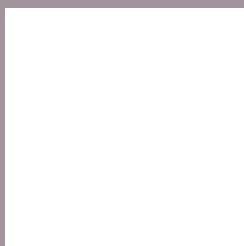
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4909, 31.2615, 35.8268

Background



This preview shows how black text looks on a background with the XYZ color 31.4909, 31.2615, 35.8268.



This preview shows how white text looks on a background with the XYZ color 31.4909, 31.2615,

35.8268.

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

31.4909, 31.2615, 35.8268

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

31.7443, 31.1603, 35.7939



Tritanopia

31.7482, 31.3644, 37.1815

Trichromacy



Original Color

31.4909, 31.2615, 35.8268

Protanomaly

30.7025, 31.3149, 36.3245

Deuteranomaly

31.5387, 31.0543, 35.7843

Tritanomaly

31.6618, 31.3298, 36.7263

Monochromacy



Original Color

31.4909, 31.2615, 35.8268

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6096, 31.5342, 35.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4909, 31.2615, 35.8268 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(162, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(162, 148, 156)  
}
```

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(162, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 148, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.4909, 31.2615, 35.8268 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(162, 148, 156) }
```


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

```
.border{ border-color:rgb(162, 148, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 148, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 148,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4909, 31.2615, 35.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 148, 156) }
```

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

```
.background{ background-color: rgb(162,  
148, 156) }
```

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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