

Converting Colors

XYZ(31.8529, 31.5235, 43.0866)

Have a look what the booklet for
XYZ(31.8529, 31.5235, 43.0866)
contains.

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Color

**XYZ(31.8084, 31.5031,
42.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	9C95AB
RGB	156, 149, 171
RGB Percent	61%, 58%, 67%
CMY	0.3882, 0.4157, 0.3294
CMYK	0.09, 0.13, 0.00, 0.33
HSL	259°, 12%, 63%
HSV	259°, 13%, 67%
XYZ	31.8084, 31.5031, 42.9323
YIQ	153.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

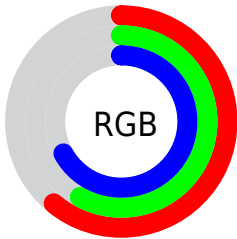
Format	Color
R _Y B	156, 149, 171
Decimal	10261931
CIE Lab	62.93, 6.92, -10.57
CIE LCh	63, 12.637, 303.224
Yxy	31.5031, 0.2994, 0.2965
Android (android.graphics.Color)	4288452011 (0xFF9C95AB)
YUV	153.6010, 8.5777, 2.1039
Hunter-Lab	56.1276, 2.9354, -6.0619

Details

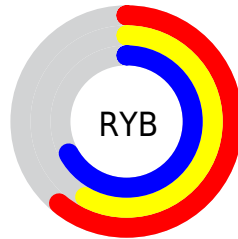
The XYZ color **31.8084, 31.5031, 42.9323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2988, 39.1891, 34.1392**, and the grayscale version is **30.5058, 32.0944, 34.9508**.

A 20% lighter version of the original color is **61.9474, 62.0517, 80.6637**, and **13.5232, 13.0705, 19.2629** is the 20% darker color. If you saturate the color by 10%, you get **27.1502, 25.3767, 41.9958**, and if you desaturate by 10%, it is **37.0824, 38.5383, 44.0127**.

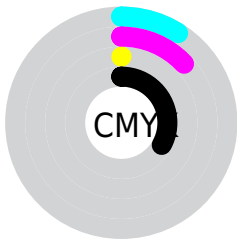
Distribution



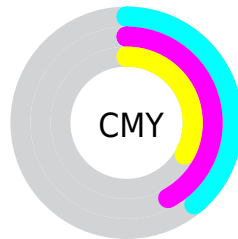
- Red (61%)
- Green (58%)
- Blue (67%)



- Red (61%)
- Yellow (58%)
- Blue (67%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8084, 31.5031, 42.9323 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 31.8084, 31.5031, 42.9323 by changing the saturation by 10% instead.

■ 31.8084, 31.5031,
42.9323

■ 31.8084, 31.5031,
42.9323

302.0063,
308.8494, 374.2463

■ 21.3700, 20.9822,
29.5010

■ 61.8778, 62.0313,
80.8939

■ 13.5088, 13.1110,
19.2113

■ 82.2396, 82.8074,
106.2614

■ 7.8592, 7.5050,
11.6447

106.6399,
107.7708, 136.4446

■ 4.0560, 3.7799,
6.3827

135.4440,
137.3057, 171.8621

■ 1.7339, 1.5512,
3.0066

169.0174,
171.7966, 212.9325

■ 0.4773, 0.3244,
1.0980

207.7253,

■ 0.0000, 0.0000,

211.6280, 260.0743

0.0000

251.9332,
257.1841, 313.7061

■ 31.8084, 31.5031,
42.9323

■ 31.8084, 31.5031,
42.9323

■ 27.1502, 25.3767,
41.9958

■ 37.0824, 38.5383,
44.0127

■ 23.0816, 20.1176,
41.1951

■ 42.9913, 46.5136,
45.2407

■ 19.5787, 15.6867,
40.5245

■ 49.5570, 55.4640,
46.6222

■ 16.6148, 12.0404,
39.9769

■ 56.7995, 65.4211,
48.1624

■ 14.1608, 9.1313,
39.5447

■ 64.7376, 76.4154,
49.8662

12.1849, 6.9062,
39.2194

73.3899, 88.4758,
51.7381

10.6508, 5.3049,
38.9911

78.2448, 92.5726,
52.2729

9.5166, 4.2557,
38.8484

82.2794, 94.6525,
52.4617

8.8934, 3.7356,
38.7809

84.3508, 95.7203,
52.5587

Harmonies

Analogous

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



30.1308, 31.5031, 44.7541



31.8084, 31.5031, 42.9323



33.0215, 31.5031, 38.7890

Triad

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



31.8084, 31.5031, 42.9323



31.4712, 31.5031, 26.4580



26.7334, 31.5031, 34.8418

Complementary

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



31.8084, 31.5031, 42.9323



35.2988, 39.1891, 34.1392

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.



27.0616, 31.5031, 30.1742



31.8084, 31.5031, 42.9323



29.7555, 31.5031, 25.6181

Square

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



31.8084, 31.5031, 42.9323



32.8216, 31.5031, 29.3276



28.1515, 31.5031, 26.9127



27.2374, 31.5031, 39.8082

Rectangle

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



31.8084, 31.5031, 42.9323



33.3798, 31.5031, 35.4413



28.1515, 31.5031, 26.9127



26.7502, 31.5031, 33.1864

Sweetspot

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



31.8093, 31.5044, 42.9330



65.2124, 67.4106, 78.5764



33.0277, 35.8937, 43.7160



14.3808, 14.8161, 17.4895



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.8093, 31.5044, 42.9330



54.8657, 53.6412, 76.4639



34.0284, 32.6484, 43.0368



7.8098, 7.8762, 10.0613



6.7536, 2.8415, 29.2370



0.2455, 0.1088, 0.8160

Inverse Universe

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



34.2440, 32.8346, 39.6565



59.9751, 56.4339, 69.5337



33.1320, 38.0721, 34.0378



8.2270, 8.1041, 9.5062



15.0884, 7.4979, 13.3767



0.4431, 0.2179, 0.4953

Previews

White Background



This preview shows how the XYZ color 31.8084, 31.5031, 42.9323 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 31.8084, 31.5031, 42.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

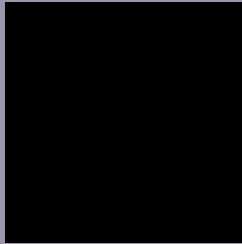
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.8084, 31.5031, 42.9323

Background



This preview shows how black text looks on a background with the XYZ color 31.8084, 31.5031, 42.9323.



This preview shows how white text looks on a background with the XYZ color 31.8084, 31.5031,

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

31.8084, 31.5031, 42.9323

Protanopia

30.9074, 31.5013, 43.4811

Deuteranopia

32.0411, 31.3892, 42.8980



Tritanopia

30.9455, 31.3899, 38.6103

Trichromacy



Original Color

31.8084, 31.5031, 42.9323

Protanomaly

31.3016, 31.4667, 43.4536

Deuteranomaly

31.8452, 31.2882, 42.8889

Tritanomaly

31.2154, 31.4979, 40.0318

Monochromacy



Original Color

31.8084, 31.5031, 42.9323

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0910, 31.9631, 37.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8084, 31.5031, 42.9323 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(156, 149, 171)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 171)  
}
```

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(156, 149, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 171) }
```

Border

The CSS property to change the border of an element to XYZ 31.8084, 31.5031, 42.9323 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(156, 149, 171) }
```


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

```
.border{ border-color:rgb(156, 149, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 171);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8084, 31.5031, 42.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 171) }
```

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

```
.background{ background-color: rgb(156,  
149, 171) }
```

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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