

Converting Colors

XYZ(31.5303, 30.3868, 37.8424)

Have a look what the booklet for
XYZ(31.5303, 30.3868, 37.8424)
contains.

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Color

**XYZ(31.5105, 30.3063,
37.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	A390A1
RGB	163, 144, 161
RGB Percent	64%, 56%, 63%
CMY	0.3608, 0.4353, 0.3686
CMYK	0.00, 0.12, 0.01, 0.36
HSL	306°, 9%, 60%
HSV	306°, 12%, 64%
XYZ	31.5105, 30.3063, 37.9071
YIQ	151.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

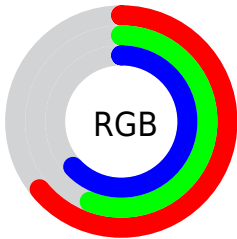
Format	Color
R_{YB}	163, 144, 161
Decimal	10719393
CIE _{Lab}	61.92, 10.20, -6.36
CIE _{LCh}	62, 12.019, 328.074
Yxy	30.3063, 0.3160, 0.3039
Android (android.graphics.Color)	4288909473 (0xFFA390A1)
YUV	151.6190, 4.6248, 9.9811
Hunter-Lab	55.0512, 5.8313, -2.2901

Details

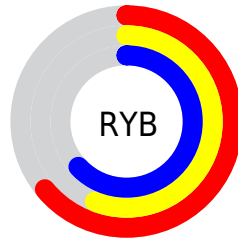
The XYZ color **31.5105, 30.3063, 37.9071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7882, 34.1997, 32.2269**, and the grayscale version is **29.6606, 31.2053, 33.9826**.

A 20% lighter version of the original color is **61.5022, 60.2515, 73.3539**, and **13.3186, 12.4890, 16.1767** is the 20% darker color. If you saturate the color by 10%, you get **29.0678, 25.6610, 36.3517**, and if you desaturate by 10%, it is **34.3135, 35.6680, 39.5936**.

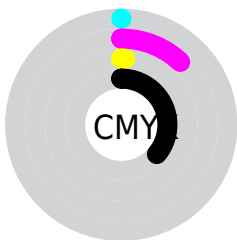
Distribution



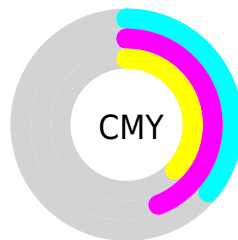
- Red (64%)
- Green (56%)
- Blue (63%)



- Red (64%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5105, 30.3063, 37.9071 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 31.5105, 30.3063, 37.9071 by changing the saturation by 10% instead.

■ 31.5105, 30.3063,
37.9071

■ 31.5105, 30.3063,
37.9071

300.6684,
303.3296, 352.5075

■ 21.1416, 20.0712,
25.6093

■ 61.4133, 60.1462,
73.1676

■ 13.3406, 12.4468,
16.3085

■ 81.6779, 80.5199,
96.9673

■ 7.7421, 7.0487,
9.5860

105.9719,
105.0418, 125.4382

■ 3.9808, 3.4926,
5.0233

134.6605,
134.0964, 158.9987

■ 1.6913, 1.3940,
2.2020

168.1090,
168.0681, 198.0673

■ 0.4508, 0.2123,
0.6755

206.6830,

■ 0.0000, 0.0000,

207.3412, 243.0626

0.0000

250.7477,
252.3003, 294.4032

■ 31.5105, 30.3063,
37.9071

■ 31.5105, 30.3063,
37.9071

■ 29.0678, 25.6610,
36.3517

■ 34.3135, 35.6680,
39.5936

■ 26.9675, 21.6977,
34.9203

■ 37.4885, 41.7708,
41.4139

■ 25.1943, 18.3851,
33.6081

■ 41.0498, 48.6429,
43.3734

■ 23.7304, 15.6880,
32.4091

■ 45.0103, 56.3100,
45.4763

■ 22.5566, 13.5677,
31.3170

■ 49.3823, 64.7966,
47.7268

■ 21.6514, 11.9813,
30.3243

■ 54.1774, 74.1262,
50.1287

■ 20.9902, 10.8799,
29.4231

■ 58.4084, 82.3242,
52.3532

■ 20.5441, 10.2053,
28.6034

■ 58.5756, 82.3911,
53.2335

■ 20.2804, 9.8570,
27.9632

■ 58.7449, 82.4588,
54.1251

Harmonies

Analogous

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



30.2853, 30.3063, 41.4462



31.5105, 30.3063, 37.9071



32.0079, 30.3063, 33.2969

Triad

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



31.5105, 30.3063, 37.9071



28.9093, 30.3063, 24.9145



26.1618, 30.3063, 37.3445

Complementary

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



31.5105, 30.3063, 37.9071



29.7882, 34.1997, 32.2269

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.



25.8237, 30.3063, 32.7017



31.5105, 30.3063, 37.9071



27.3742, 30.3063, 25.7844

Square

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



31.5105, 30.3063, 37.9071



30.4718, 30.3063, 26.0377



26.2594, 30.3063, 28.5329



27.2006, 30.3063, 41.1007

Rectangle

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



31.5105, 30.3063, 37.9071



31.8463, 30.3063, 30.3261



26.2594, 30.3063, 28.5329



25.9642, 30.3063, 35.8232

Sweetspot

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



31.5114, 30.3076, 37.9078



60.7094, 62.4539, 70.4710



28.4218, 28.6943, 38.6912



13.5428, 13.8501, 15.7729



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.



31.5114, 30.3076, 37.9078



55.2330, 51.9890, 67.1412



30.7133, 29.9884, 33.7050



7.3321, 7.1893, 8.7350



15.7714, 7.6646, 21.7845



0.3400, 0.1645, 0.5029

Inverse Universe

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



31.5114, 30.3076, 37.9078



55.2330, 51.9890, 67.1412



30.5499, 34.5044, 36.2375



7.3321, 7.1893, 8.7350



15.7714, 7.6646, 21.7845



0.3400, 0.1645, 0.5029

Previews

White Background



This preview shows how the XYZ color 31.5105, 30.3063, 37.9071 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 31.5105, 30.3063, 37.9071 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 31.5105, 30.3063, 37.9071

Background



This preview shows how black text looks on a background with the XYZ color 31.5105, 30.3063, 37.9071.



This preview shows how white text looks on a background with the XYZ color 31.5105, 30.3063,

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

31.5105, 30.3063, 37.9071

Protanopia

29.6610, 30.4711, 39.4402

Deuteranopia

30.8565, 30.1949, 37.9201



Tritanopia

31.0264, 30.3325, 35.6720

Trichromacy



Original Color

31.5105, 30.3063, 37.9071

Protanomaly

30.1814, 30.2841, 38.9050

Deuteranomaly

31.0556, 30.2976, 37.9294

Tritanomaly

31.1972, 30.4008, 36.5714

Monochromacy



Original Color

31.5105, 30.3063, 37.9071

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3741, 30.9294, 35.3794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5105, 30.3063, 37.9071 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(163, 144, 161)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 161)  
}
```

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(163, 144, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 161) }
```

Border

The CSS property to change the border of an element to XYZ 31.5105, 30.3063, 37.9071 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(163, 144, 161) }
```


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

```
.border{ border-color:rgb(163, 144, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 144, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5105, 30.3063, 37.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 161) }
```

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

```
.background{ background-color: rgb(163,  
144, 161) }
```

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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