

Converting Colors

XYZ(31.0625, 31.1950, 35.0472)

Have a look what the booklet for
XYZ(31.0625, 31.1950, 35.0472)
contains.

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Color

**XYZ(31.0774, 31.3016,
34.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	A0959A
RGB	160, 149, 154
RGB Percent	63%, 58%, 60%
CMY	0.3725, 0.4157, 0.3961
CMYK	0.00, 0.07, 0.04, 0.37
HSL	333°, 5%, 61%
HSV	333°, 7%, 63%
XYZ	31.0774, 31.3016, 34.9757
YIQ	152.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

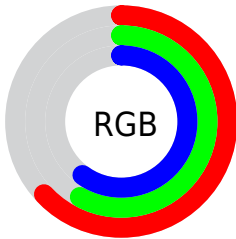
Format	Color
RYB	160, 149, 154
Decimal	10524058
CIELab	62.76, 4.97, -1.18
CIELCh	63, 5.108, 346.684
Yxy	31.3016, 0.3192, 0.3215
Android (android.graphics.Color)	4288714138 (0xFFA0959A)
YUV	152.8590, 0.5625, 6.2627
Hunter-Lab	55.9478, 1.2429, 2.0984

Details

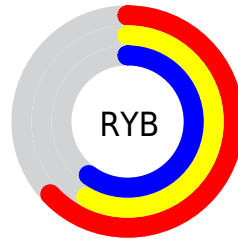
The XYZ color **31.0774, 31.3016, 34.9757** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8828, 33.8986, 35.9274**, and the grayscale version is **30.2138, 31.7873, 34.6164**.

A 20% lighter version of the original color is **60.7654, 61.7130, 68.3836**, and **13.1225, 12.9658, 14.6430** is the 20% darker color. If you saturate the color by 10%, you get **28.0173, 26.3025, 30.4982**, and if you desaturate by 10%, it is **34.5400, 37.0201, 39.8491**.

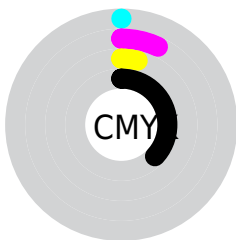
Distribution



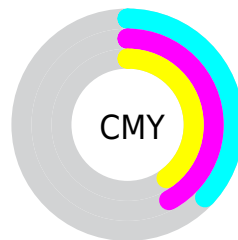
- Red (63%)
- Green (58%)
- Blue (60%)



- Red (63%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0774, 31.3016, 34.9757 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 31.0774, 31.3016, 34.9757 by changing the saturation by 10% instead.

■ 31.0774, 31.3016,
34.9757

■ 31.0774, 31.3016,
34.9757

298.7153,
307.9254, 339.3621

■ 20.8099, 20.8286,
23.3608

■ 60.7369, 61.7146,
68.5993

■ 13.0968, 12.9988,
14.6523

■ 80.8597, 82.4234,
91.4450

■ 7.5727, 7.4277,
8.4318

104.9982,
107.3129, 118.8713

■ 3.8723, 3.7310,
4.2808

133.5179,
136.7676, 151.2969

■ 1.6301, 1.5243,
1.7806

166.7841,
171.1718, 189.1402

■ 0.4119, 0.3057,
0.4151

205.1621,

■ 0.0000, 0.0000,

210.9099, 232.8198

0.0000

249.0174,
256.3663, 282.7543

■ 31.0774, 31.3016,
34.9757

■ 31.0774, 31.3016,
34.9757

■ 28.0173, 26.3025,
30.4982

■ 34.5400, 37.0201,
39.8491

■ 25.3417, 21.9902,
26.4038

■ 38.4168, 43.4810,
45.1264

■ 23.0354, 18.3353,
22.6823

■ 42.7222, 50.7112,
50.8180

■ 21.0809, 15.3051,
19.3219

■ 47.4693, 58.7350,
56.9334

■ 19.4595, 12.8639,
16.3102

■ 52.6705, 67.5758,
63.4815

■ 18.1503, 10.9721,
13.6339

■ 58.3378, 77.2559,
70.4711

■ 17.1301, 9.5855,
11.2786

■ 62.5371, 83.9055,
77.2623

■ 16.3723, 8.6528,
9.2285

■ 63.6899, 84.3667,
83.3333

■ 15.8366, 8.0963,
7.4629

■ 64.9036, 84.8522,
89.7245

Harmonies

Analogous

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



30.7391, 31.3016, 36.7895



31.0774, 31.3016, 34.9757



31.0564, 31.3016, 32.9897

Triad

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



31.0774, 31.3016, 34.9757



29.3673, 31.3016, 30.5288



28.8394, 31.3016, 36.9580

Complementary

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



31.0774, 31.3016, 34.9757



30.8828, 33.8986, 35.9274

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.



28.4832, 31.3016, 35.1984



31.0774, 31.3016, 34.9757



28.7847, 31.3016, 31.5110

Square

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



31.0774, 31.3016, 34.9757



30.0616, 31.3016, 30.4745



28.4633, 31.3016, 33.2039



29.4430, 31.3016, 37.9638

Rectangle

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



31.0774, 31.3016, 34.9757



30.8413, 31.3016, 31.8355



28.4633, 31.3016, 33.2039



28.6871, 31.3016, 36.4320

Sweetspot

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



31.0783, 31.3030, 34.9764



59.3748, 61.6894, 67.6930



30.5858, 30.9899, 37.6277



13.0384, 13.5568, 14.8694



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.0783, 31.3030, 34.9764



55.6764, 55.6016, 62.4249



30.7287, 31.2561, 32.8489



6.7521, 6.6938, 7.5457



12.2440, 6.2022, 5.5360



0.2400, 0.1193, 0.2100

Inverse Universe

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



31.0783, 31.3030, 34.9764



55.6764, 55.6016, 62.4249



31.2479, 33.9431, 38.1629



6.7521, 6.6938, 7.5457



12.2440, 6.2022, 5.5360



0.2400, 0.1193, 0.2100

Previews

White Background



This preview shows how the XYZ color 31.0774, 31.3016, 34.9757 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 31.0774, 31.3016, 34.9757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

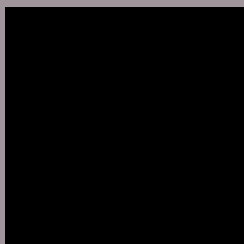
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

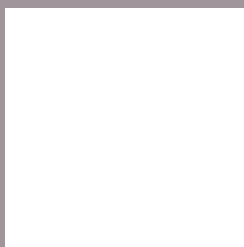
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0774, 31.3016, 34.9757

Background



This preview shows how black text looks on a background with the XYZ color 31.0774, 31.3016, 34.9757.



This preview shows how white text looks on a background with the XYZ color 31.0774, 31.3016,

34.9757.

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

31.0774, 31.3016, 34.9757

Protanopia

30.3094, 31.3698, 35.4678

Deuteranopia

31.7835, 31.1999, 34.9189



Tritanopia

31.6330, 31.2949, 37.6310

Trichromacy



Original Color

31.0774, 31.3016, 34.9757

Protanomaly

30.5330, 31.2472, 35.4324

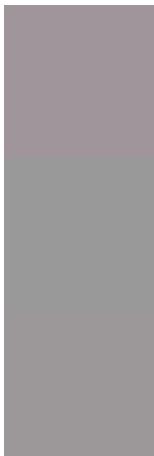
Deuteranomaly

31.5269, 31.2994, 34.9516

Tritanomaly

31.4594, 31.2255, 36.7168

Monochromacy



Original Color

31.0774, 31.3016, 34.9757

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6883, 31.8243, 34.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0774, 31.3016, 34.9757 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(160, 149, 154)` looks like.

```
.text, #text, p{  
    color:rgb(160, 149, 154)  
}
```

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(160, 149, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 149, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.0774, 31.3016, 34.9757 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(160, 149, 154) }
```


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

```
.border{ border-color:rgb(160, 149, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 149, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 149, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 149, 154);  
box-shadow:4px 4px 4px 4px rgb(160, 149,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0774, 31.3016, 34.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 149, 154) }
```

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

```
.background{ background-color: rgb(160,  
149, 154) }
```

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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