

Converting Colors

XYZ(31.3974, 29.8474, 15.9107)

Have a look what the booklet for
XYZ(31.3974, 29.8474, 15.9107)
contains.

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Color

**XYZ(31.3974, 29.8474,
15.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	B88C63
RGB	184, 140, 99
RGB Percent	72%, 55%, 39%
CMY	0.2784, 0.4510, 0.6118
CMYK	0.00, 0.24, 0.46, 0.28
HSL	29°, 37%, 55%
HSV	29°, 46%, 72%
XYZ	31.3974, 29.8474, 15.9107
YIQ	148.4820, 39.3850, -3.4230

Conversions

Conversions Part 2

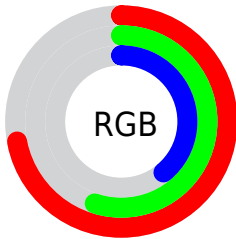
Format	Color
RYB	184, 178, 99
Decimal	12094563
CIELab	61.52, 11.49, 28.32
CIElCh	62, 30.559, 67.913
Yxy	29.8474, 0.4069, 0.3868
Android (android.graphics.Color)	4290284643 (0xFFB88C63)
YUV	148.4820, -24.3946, 31.1493
Hunter-Lab	54.6328, 6.9764, 20.9759

Details

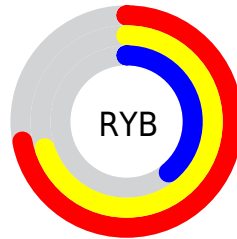
The XYZ color **31.3974, 29.8474, 15.9107** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.6194, 25.7572, 49.0741**, and the grayscale version is **28.4378, 29.9188, 32.5815**.

A 20% lighter version of the original color is **61.4148, 59.6628, 37.1333**, and **13.3070, 12.2185, 4.7890** is the 20% darker color. If you saturate the color by 10%, you get **29.2842, 26.8720, 11.3498**, and if you desaturate by 10%, it is **33.8330, 33.1467, 21.5684**.

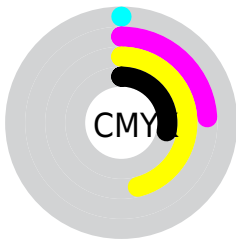
Distribution



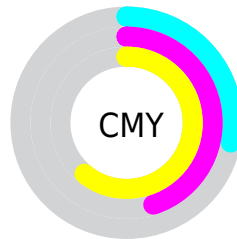
- Red (72%)
- Green (55%)
- Blue (39%)



- Red (72%)
- Yellow (70%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3974, 29.8474, 15.9107 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 31.3974, 29.8474, 15.9107 by changing the saturation by 10% instead.


 31.3974, 29.8474,
15.9107


 31.3974, 29.8474,
15.9107


300.1593,
301.1925, 240.6419


 21.0550, 19.7228,
9.3073


 61.2368, 59.4208,
37.2077

 13.2769, 12.1937,
4.8426


 81.4645, 79.6383,
52.7385

 7.6978, 6.8757,
2.0981


 105.7179,
103.9890, 72.0821

 3.9524, 3.3845,
0.6146

 134.3625,
132.8571, 95.6571

 1.6752, 1.3356,
0.0000

167.7635,
166.6271, 123.8820

 0.4407, 0.1685,
0.0000

206.2865,

 0.0000, 0.0000,

205.6834, 157.1754

0.0000

250.2966,
250.4104, 195.9559

■ 31.3974, 29.8474,
15.9107

■ 31.3974, 29.8474,
15.9107

■ 29.2842, 26.8720,
11.3498

■ 33.8330, 33.1467,
21.5684

■ 27.4744, 24.2048,
7.8104

■ 36.6041, 36.7766,
28.3880

■ 25.9499, 21.8344,
5.2101


■ 39.7259, 40.7487,
36.4314


■ 24.6895, 19.7473,
3.4529


■ 43.2117, 45.0727,
45.7556


■ 23.6662, 17.9270,
2.4140


■ 47.0742, 49.7579,
56.4142

 23.3197, 17.2956,
2.1093

 51.3253, 54.8132,
68.4574

 55.9764, 60.2473,
81.9329

 61.0385, 66.0683,
96.8863

 64.9371, 71.6503,
105.0151

Harmonies

Analogous

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



34.9633, 29.8474, 20.6360



31.3974, 29.8474, 15.9107



27.3109, 29.8474, 15.0427

Triad

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



31.3974, 29.8474, 15.9107



21.3372, 29.8474, 35.6652



33.4254, 29.8474, 53.4475

Complementary

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



31.3974, 29.8474, 15.9107



23.6194, 25.7572, 49.0741

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.



29.4542, 29.8474, 59.9541



31.3974, 29.8474, 15.9107



22.6609, 29.8474, 48.2099

Square

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



31.3974, 29.8474, 15.9107



21.7509, 29.8474, 24.8172



25.5420, 29.8474, 57.8383



36.2095, 29.8474, 41.6213

Rectangle

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



31.3974, 29.8474, 15.9107



24.8792, 29.8474, 16.5130



25.5420, 29.8474, 57.8383



32.1709, 29.8474, 56.4434

Sweetspot

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



31.3981, 29.8488, 15.9113



73.2004, 75.3542, 69.1698



29.2887, 21.1381, 29.0560



15.5010, 15.8946, 14.1749



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.3981, 29.8488, 15.9113



53.1835, 48.8536, 20.7763



38.5771, 44.2067, 18.3043



9.3525, 9.7079, 9.4878



16.1420, 12.0604, 1.4771



0.6311, 0.5492, 0.0727

Inverse Universe

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



23.6194, 25.7572, 49.0741



37.3970, 40.5439, 88.0593



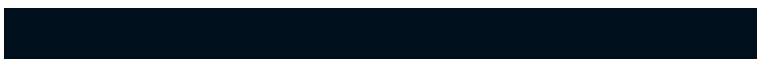
18.5326, 15.5837, 47.3785



8.8952, 9.4677, 11.4381



8.8690, 8.1977, 32.3679



0.3743, 0.4123, 1.1616

Previews

White Background



This preview shows how the XYZ color 31.3974, 29.8474, 15.9107 looks on a white background.

Color Contrast Check

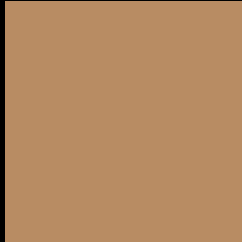
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3974, 29.8474, 15.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

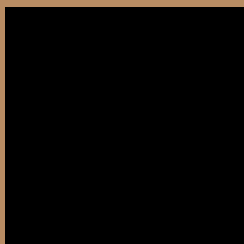
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3974, 29.8474, 15.9107

Background



This preview shows how black text looks on a background with the XYZ color 31.3974, 29.8474, 15.9107.



This preview shows how white text looks on a background with the XYZ color 31.3974, 29.8474,

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

31.3974, 29.8474, 15.9107

Protanopia

27.8936, 30.0512, 17.1623

Deuteranopia

30.5155, 29.8306, 15.9539



Tritanopia

34.2982, 29.7552, 30.3212

Trichromacy



Original Color

31.3974, 29.8474, 15.9107

Protanomaly

29.0393, 29.9521, 16.8212

Deuteranomaly

30.8331, 29.7744, 15.9263

Tritanomaly

33.1940, 29.7316, 24.4113

Monochromacy



Original Color

31.3974, 29.8474, 15.9107

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8526, 29.4396, 25.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3974, 29.8474, 15.9107 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(184, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 99)  
}
```

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(184, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 99) }
```

Border

The CSS property to change the border of an element to XYZ 31.3974, 29.8474, 15.9107 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(184, 140, 99) }
```


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

```
.border{ border-color:rgb(184, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3974, 29.8474, 15.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 99) }
```

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

```
.background{ background-color: rgb(184,  
140, 99) }
```

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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