

Converting Colors

XYZ(31.3098, 28.0537, 18.6561)

Have a look what the booklet for
XYZ(31.3098, 28.0537, 18.6561)
contains.

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Color

**XYZ(31.3154, 28.0674,
18.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	BA846E
RGB	186, 132, 110
RGB Percent	73%, 52%, 43%
CMY	0.2706, 0.4823, 0.5686
CMYK	0.00, 0.29, 0.41, 0.27
HSL	17°, 36%, 58%
HSV	17°, 41%, 73%
XYZ	31.3154, 28.0674, 18.5189
YIQ	145.6380, 39.2460, 4.6060

Conversions

Conversions Part 2

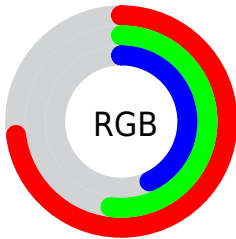
Format	Color
RYB	186, 141, 110
Decimal	12223598
CIELab	59.95, 17.97, 20.14
CIElCh	60, 26.988, 48.257
Yxy	28.0674, 0.4020, 0.3603
Android (android.graphics.Color)	4290413678 (0xFFBA846E)
YUV	145.6380, -17.5695, 35.3975
Hunter-Lab	52.9787, 12.7977, 16.3600

Details

The XYZ color **31.3154, 28.0674, 18.5189** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.5682, 33.4097, 51.3973**, and the grayscale version is **27.2324, 28.6506, 31.2005**.

A 20% lighter version of the original color is **61.1788, 56.5397, 41.8712**, and **13.2469, 11.2077, 6.0225** is the 20% darker color. If you saturate the color by 10%, you get **28.7272, 24.3451, 13.1735**, and if you desaturate by 10%, it is **34.3446, 32.3315, 25.0606**.

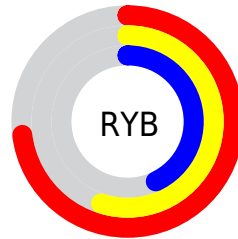
Distribution



Red (73%)

Green (52%)

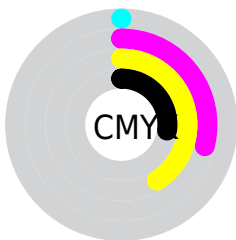
Blue (43%)



Red (73%)

Yellow (55%)

Blue (43%)

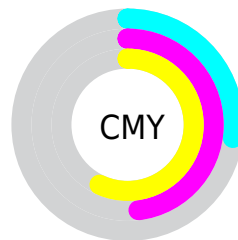


Cyan (0%)

Magenta (29%)

Yellow (41%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3154, 28.0674, 18.5189 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 31.3154, 28.0674, 18.5189 by changing the saturation by 10% instead.


 31.3154, 28.0674,
18.5189


 31.3154, 28.0674,
18.5189


299.7897,
292.7888, 256.1134


 20.9921, 18.3765,
11.1499


 61.1088, 56.5920,
41.7454


 13.2307, 11.2206,
6.0523


 81.3096, 76.1945,
58.4399

 7.6657, 6.2154,
2.8076


 105.5336, 99.8697,
79.0800

 3.9318, 2.9765,
0.9973

 134.1463,
128.0018, 104.0843

 1.6636, 1.1195,
0.0000

167.5128,
160.9755, 133.8712

 0.4333, 0.0000,
0.0000

205.9987,

 0.0000, 0.0000,

199.1749, 168.8593

0.0000

249.9692,
242.9846, 209.4672

■ 31.3154, 28.0674,
18.5189

■ 31.3154, 28.0674,
18.5189

■ 28.7272, 24.3451,
13.1735

■ 34.3446, 32.3315,
25.0606

■ 26.5560, 21.1383,
8.9493

■ 37.8330, 37.1542,
32.8640

■ 24.7787, 18.4242,
5.7651


■ 41.8002, 42.5566,
41.9919


■ 23.3685, 16.1771,
3.5281


■ 46.2640, 48.5576,
52.5023


■ 22.2950, 14.3679,
2.1286


■ 51.2413, 55.1751,
64.4497

 21.5619, 13.0637,
1.3851

 56.7483, 62.4261,
77.8857

 62.8002, 70.3272,
92.8593

 68.7936, 78.6469,
106.1623

 72.7774, 86.6145,
107.4902

Harmonies

Analogous

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



33.4461, 28.0674, 25.0150



31.3154, 28.0674, 18.5189



28.0426, 28.0674, 15.5426

Triad

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



31.3154, 28.0674, 18.5189



20.7249, 28.0674, 26.8742



28.7980, 28.0674, 52.2460

Complementary

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



31.3154, 28.0674, 18.5189



28.5682, 33.4097, 51.3973

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.



25.3569, 28.0674, 53.0446



31.3154, 28.0674, 18.5189



20.8894, 28.0674, 36.8707

Square

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



31.3154, 28.0674, 18.5189



22.0510, 28.0674, 19.6276



22.5212, 28.0674, 46.9385



31.9091, 28.0674, 44.9461

Rectangle

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



31.3154, 28.0674, 18.5189



25.7408, 28.0674, 15.4158



22.5212, 28.0674, 46.9385



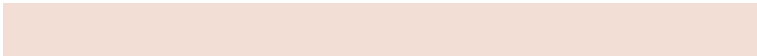
27.6360, 28.0674, 53.3334

Sweetspot

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



31.3161, 28.0688, 18.5195



74.7512, 75.7633, 73.7546



32.5688, 24.2884, 38.3150



16.2465, 16.3928, 15.7437



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



31.3161, 28.0688, 18.5195



52.5258, 44.7901, 24.7960



37.3516, 40.1397, 20.5313



9.2108, 9.4245, 9.4406



14.5631, 8.9026, 0.9508



0.5684, 0.4239, 0.0519

Inverse Universe

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



28.5682, 33.4097, 51.3973



46.8387, 55.7316, 92.4900



22.8142, 21.9018, 49.4793



9.0411, 9.7594, 11.4867



11.5942, 13.6482, 33.2763



0.4591, 0.5819, 1.1899

Previews

White Background



This preview shows how the XYZ color 31.3154, 28.0674, 18.5189 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 31.3154, 28.0674, 18.5189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

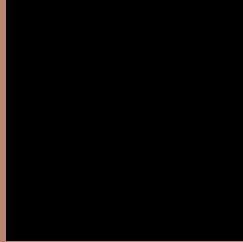
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3154, 28.0674, 18.5189

Background



This preview shows how black text looks on a background with the XYZ color 31.3154, 28.0674, 18.5189.



This preview shows how white text looks on a background with the XYZ color 31.3154, 28.0674,

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

31.3154, 28.0674, 18.5189

Protanopia

26.6042, 28.3818, 20.5990

Deuteranopia

28.7875, 28.2273, 18.3991



Tritanopia

33.2929, 28.0921, 27.7124

Trichromacy



Original Color

31.3154, 28.0674, 18.5189

Protanomaly

28.1412, 28.0781, 19.8560

Deuteranomaly

29.4690, 27.9426, 18.3083

Tritanomaly

32.4856, 27.9504, 24.1049

Monochromacy



Original Color

31.3154, 28.0674, 18.5189

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4565, 28.3203, 26.1568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3154, 28.0674, 18.5189 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(186, 132, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 132, 110)  
}
```

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(186, 132, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 132, 110) }
```

Border

The CSS property to change the border of an element to XYZ 31.3154, 28.0674, 18.5189 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(186, 132, 110) }
```


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

```
.border{ border-color:rgb(186, 132, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 132, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 132, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 132, 110);  
box-shadow:4px 4px 4px 4px rgb(186, 132,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3154, 28.0674, 18.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 132, 110) }
```

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

```
.background{ background-color: rgb(186,  
132, 110) }
```

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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