

Converting Colors

XYZ(32.0186, 27.8812, 18.6526)

Have a look what the booklet for
XYZ(32.0186, 27.8812, 18.6526)
contains.

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Color

**XYZ(31.9547, 27.7954,
18.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	BE816F
RGB	190, 129, 111
RGB Percent	75%, 51%, 44%
CMY	0.2549, 0.4941, 0.5647
CMYK	0.00, 0.32, 0.42, 0.25
HSL	14°, 38%, 59%
HSV	14°, 42%, 75%
XYZ	31.9547, 27.7954, 18.7198
YIQ	145.1870, 42.1340, 7.3340

Conversions

Conversions Part 2

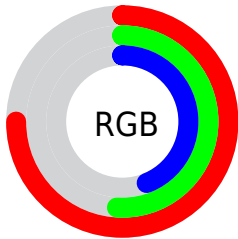
Format	Color
R_{YB}	190, 134, 111
Decimal	12484975
CIE _{Lab}	59.70, 21.36, 19.31
CIE _{LCh}	60, 28.799, 42.115
Yxy	27.7954, 0.4072, 0.3542
Android (android.graphics.Color)	4290675055 (0xFFBE816F)
YUV	145.1870, -16.8542, 39.3010
Hunter-Lab	52.7213, 15.9275, 15.8528

Details

The XYZ color **31.9547, 27.7954, 18.7198** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6016, 36.6007, 54.1668**, and the grayscale version is **27.0447, 28.4532, 30.9855**.

A 20% lighter version of the original color is **62.0502, 56.0567, 42.2000**, and **13.5247, 11.0192, 6.1167** is the 20% darker color. If you saturate the color by 10%, you get **29.2222, 23.8303, 13.1850**, and if you desaturate by 10%, it is **35.1886, 32.4071, 25.5201**.

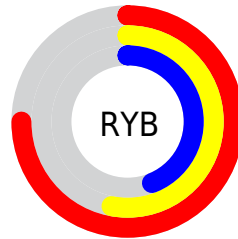
Distribution



Red (75%)

Green (51%)

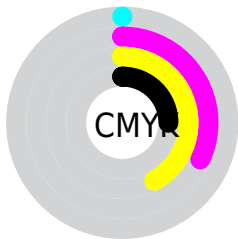
Blue (44%)



Red (75%)

Yellow (53%)

Blue (44%)

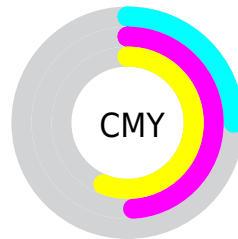


Cyan (0%)

Magenta (32%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9547, 27.7954, 18.7198 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 31.9547, 27.7954, 18.7198 by changing the saturation by 10% instead.


 31.9547, 27.7954,
18.7198


 31.9547, 27.7954,
18.7198


302.6618,
291.4880, 257.2685

 21.4823, 18.1715,
11.2932


 62.1057, 56.1576,
42.0905


 13.5915, 11.0732,
6.1478


 82.5151, 75.6647,
58.8716

 7.9169, 6.1161,
2.8649


 106.9674, 99.2350,
79.6081

 4.0932, 2.9158,
1.0261

 135.8281,
127.2529, 104.7184

 1.7550, 1.0879,
0.0000

169.4626,
160.1027, 134.6210

 0.4903, 0.0000,
0.0000

208.2361,

 0.0000, 0.0000,

198.1689, 169.7345

0.0000

252.5141,
241.8358, 210.4775

■ 31.9547, 27.7954,
18.7198

■ 31.9547, 27.7954,
18.7198

■ 29.2222, 23.8303,
13.1850

■ 35.1886, 32.4071,
25.5201

■ 26.9630, 20.4785,
8.8352

■ 38.9458, 37.6886,
33.6562

■ 25.1492, 17.7098,
5.5830

■ 43.2495, 43.6671,
43.1954

■ 23.7492, 15.4897,
3.3283

■ 48.1208, 50.3668,
54.1998

■ 22.7263, 13.7797,
1.9522

■ 53.5796, 57.8109,
66.7279

■ 22.1100, 12.6969,
1.2854

■ 59.6450, 66.0215,
80.8347

■ 66.3349, 75.0199,
96.5728

■ 72.3516, 84.3001,
107.0660

■ 75.0451, 89.6871,
107.9638

Harmonies

Analogous

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



33.8650, 27.7954, 26.2518



31.9547, 27.7954, 18.7198



28.6257, 27.7954, 14.9226

Triad

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



31.9547, 27.7954, 18.7198



20.3053, 27.7954, 24.5196



27.9141, 27.7954, 54.3807

Complementary

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



31.9547, 27.7954, 18.7198



30.6016, 36.6007, 54.1668

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.



24.3282, 27.7954, 53.6128



31.9547, 27.7954, 18.7198



20.1527, 27.7954, 34.6665

Square

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



31.9547, 27.7954, 18.7198



21.9999, 27.7954, 17.7035



21.5621, 27.7954, 45.7849



31.3927, 27.7954, 47.6900

Rectangle

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



31.9547, 27.7954, 18.7198



26.1614, 27.7954, 14.3348



21.5621, 27.7954, 45.7849



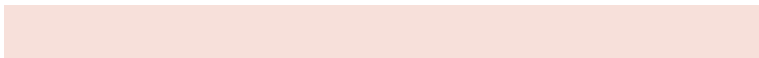
26.6777, 27.7954, 55.0224

Sweetspot

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



31.9554, 27.7968, 18.7203



77.8649, 78.4266, 77.1360



34.4513, 25.3289, 42.5492



16.8611, 16.8934, 16.4084



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.9554, 27.7968, 18.7203



53.3046, 43.6963, 24.5860



38.0364, 39.9588, 20.7474



9.7019, 9.8797, 9.9723



14.7521, 8.5429, 0.8714



0.6288, 0.4365, 0.0511

Inverse Universe

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



30.6016, 36.6007, 54.1668



50.4822, 61.7466, 97.5367



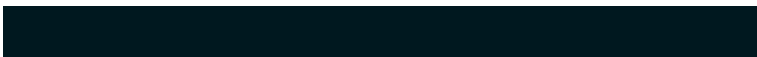
24.2901, 23.9777, 52.0630



9.6192, 10.4307, 12.1785



13.1481, 16.4079, 34.8670



0.5611, 0.7348, 1.3811

Previews

White Background



This preview shows how the XYZ color 31.9547, 27.7954, 18.7198 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 31.9547, 27.7954, 18.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

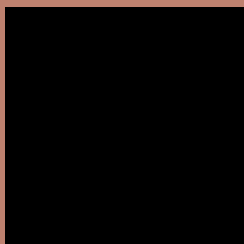
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9547, 27.7954, 18.7198

Background



This preview shows how black text looks on a background with the XYZ color 31.9547, 27.7954, 18.7198.



This preview shows how white text looks on a background with the XYZ color 31.9547, 27.7954,

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

31.9547, 27.7954, 18.7198

Protanopia

26.3801, 28.0268, 21.1589

Deuteranopia

28.4264, 27.8271, 18.3409



Tritanopia

33.5723, 27.8774, 26.5331

Trichromacy



Original Color

31.9547, 27.7954, 18.7198

Protanomaly

28.0530, 27.8100, 20.1090

Deuteranomaly

29.6099, 27.8008, 18.5573

Tritanomaly

32.8411, 27.7615, 23.3662

Monochromacy



Original Color

31.9547, 27.7954, 18.7198

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1642, 27.7358, 26.0594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9547, 27.7954, 18.7198 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(190, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(190, 129, 111)  
}
```

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(190, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 129, 111) }
```

Border

The CSS property to change the border of an element to XYZ 31.9547, 27.7954, 18.7198 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(190, 129, 111) }
```


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

```
.border{ border-color:rgb(190, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(190, 129,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9547, 27.7954, 18.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 129, 111) }
```

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

```
.background{ background-color: rgb(190,  
129, 111) }
```

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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