

Converting Colors

XYZ(31.8846, 27.3096, 27.6030)

Have a look what the booklet for
XYZ(31.8846, 27.3096, 27.6030)
contains.

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Color

**XYZ(31.8351, 27.3406,
27.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	B7808A
RGB	183, 128, 138
RGB Percent	72%, 50%, 54%
CMY	0.2824, 0.4980, 0.4588
CMYK	0.00, 0.30, 0.25, 0.28
HSL	349°, 28%, 61%
HSV	349°, 30%, 72%
XYZ	31.8351, 27.3406, 27.6441
YIQ	145.5850, 29.5700, 14.7700

Conversions

Conversions Part 2

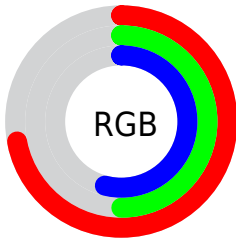
Format	Color
R _Y B	183, 128, 138
Decimal	12025994
CIE Lab	59.29, 22.72, 3.17
CIE LCh	59, 22.938, 7.932
Yxy	27.3406, 0.3667, 0.3149
Android (android.graphics.Color)	4290216074 (0xFFB7808A)
YUV	145.5850, -3.7394, 32.8130
Hunter-Lab	52.2882, 17.1733, 5.2559

Details

The XYZ color **31.8351, 27.3406, 27.6441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3796, 41.4741, 45.7833**, and the grayscale version is **27.1588, 28.5732, 31.1162**.

A 20% lighter version of the original color is **61.8630, 55.3346, 56.7103**, and **13.5391, 10.8205, 10.6075** is the 20% darker color. If you saturate the color by 10%, you get **28.6495, 22.5863, 21.5974**, and if you desaturate by 10%, it is **35.6022, 33.0182, 34.6227**.

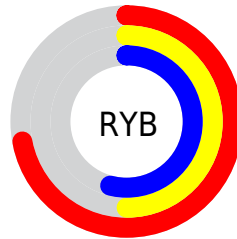
Distribution



Red (72%)

Green (50%)

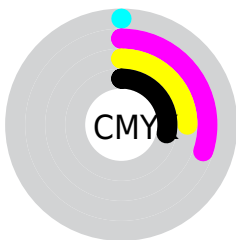
Blue (54%)



Red (72%)

Yellow (50%)

Blue (54%)

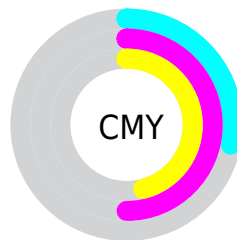


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8351, 27.3406, 27.6441 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 31.8351, 27.3406, 27.6441 by changing the saturation by 10% instead.

■ 31.8351, 27.3406,
27.6441

■ 31.8351, 27.3406,
27.6441

302.1260,
289.3025, 304.6206

■ 21.3905, 17.8292,
17.8208

■ 61.9194, 55.4299,
56.9320

■ 13.5238, 10.8274,
10.6533

■ 82.2899, 74.7767,
77.2337

■ 7.8697, 5.9509,
5.7230

■ 106.6997, 98.1706,
101.8653

■ 4.0628, 2.8153,
2.6113

135.5141,
125.9962, 131.2453

■ 1.7377, 1.0361,
0.8983

169.0987,
158.6377, 165.7923

■ 0.4797, 0.0000,
0.0000

207.8186,

■ 0.0000, 0.0000,

196.4797, 205.9248

0.0000

252.0393,
239.9065, 252.0614

■ 31.8351, 27.3406,
27.6441

■ 31.8351, 27.3406,
27.6441

■ 28.6495, 22.5863,
21.5974

■ 35.6022, 33.0182,
34.6227

■ 26.0139, 18.7027,
16.4411

■ 39.9756, 39.6604,
42.5689

■ 23.8973, 15.6379,
12.1333


■ 44.9816, 47.3107,
51.5184


■ 22.2644, 13.3328,
8.6276


■ 50.6440, 56.0086,
61.5047


■ 21.0757, 11.7202,
5.8734

■ 56.9857, 65.7917,
72.5597

 20.2850, 10.7213,
3.8137

 64.0282, 76.6956,
84.7140

 19.8068, 10.1786,
2.3790

 71.4386, 88.0474,
97.8790

 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



31.4350, 27.3406, 36.1008



31.8351, 27.3406, 27.6441



30.5795, 27.3406, 21.0837

Triad

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



31.8351, 27.3406, 27.6441



22.7441, 27.3406, 18.9761



23.9706, 27.3406, 46.9203

Complementary

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



31.8351, 27.3406, 27.6441



33.3796, 41.4741, 45.7833

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.



21.8779, 27.3406, 40.5625



31.8351, 27.3406, 27.6441



21.2069, 27.3406, 24.2251

Square

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



31.8351, 27.3406, 27.6441



25.2334, 27.3406, 16.7149



20.9019, 27.3406, 32.0006



26.7543, 27.3406, 48.2949

Rectangle

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



31.8351, 27.3406, 27.6441



29.0232, 27.3406, 18.2984



20.9019, 27.3406, 32.0006



23.1692, 27.3406, 45.2453

Sweetspot

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



31.8359, 27.3419, 27.6447



72.3582, 72.1937, 77.6134



33.4825, 27.7333, 48.3884



15.7116, 15.5338, 16.6560



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.



31.8359, 27.3419, 27.6447



53.1693, 43.2151, 42.2409



33.6149, 32.0054, 24.8296



9.0695, 9.0382, 9.7134



13.8363, 7.1083, 1.7586



0.5082, 0.2588, 0.1696

Inverse Universe

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



31.8359, 27.3419, 27.6447



53.1693, 43.2151, 42.2409



31.0110, 35.1303, 49.9465



9.0695, 9.0382, 9.7134



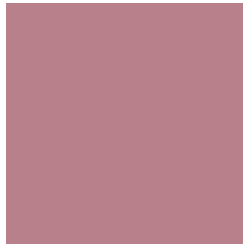
13.8363, 7.1083, 1.7586



0.5082, 0.2588, 0.1696

Previews

White Background



This preview shows how the XYZ color 31.8351, 27.3406, 27.6441 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 31.8351, 27.3406, 27.6441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

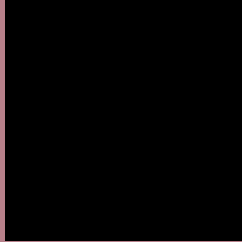
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.8351, 27.3406, 27.6441

Background



This preview shows how black text looks on a background with the XYZ color 31.8351, 27.3406, 27.6441.



This preview shows how white text looks on a background with the XYZ color 31.8351, 27.3406,

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

31.8351, 27.3406, 27.6441

Protanopia

26.5384, 27.4411, 31.0921

Deuteranopia

27.8305, 27.3255, 27.1001



Tritanopia

31.8351, 27.3406, 27.6441

Trichromacy



Original Color

31.8351, 27.3406, 27.6441

Protanomaly

28.2017, 27.2454, 29.7591

Deuteranomaly

29.1889, 27.1812, 27.3750

Tritanomaly

31.8351, 27.3406, 27.6441

Monochromacy



Original Color

31.8351, 27.3406, 27.6441

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4886, 27.8193, 29.8548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8351, 27.3406, 27.6441 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(183, 128, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 138)  
}
```

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(183, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 138) }
```

Border

The CSS property to change the border of an element to XYZ 31.8351, 27.3406, 27.6441 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(183, 128, 138) }
```


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

```
.border{ border-color:rgb(183, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8351, 27.3406, 27.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 138) }
```

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

```
.background{ background-color: rgb(183,  
128, 138) }
```

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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