

Converting Colors

XYZ(33.4537, 27.5610, 31.4631)

Have a look what the booklet for
XYZ(33.4537, 27.5610, 31.4631)
contains.

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Color

**XYZ(33.4179, 27.4967,
31.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7D94
RGB	188, 125, 148
RGB Percent	74%, 49%, 58%
CMY	0.2627, 0.5098, 0.4196
CMYK	0.00, 0.34, 0.21, 0.26
HSL	338°, 32%, 61%
HSV	338°, 34%, 74%
XYZ	33.4179, 27.4967, 31.5631
YIQ	146.4590, 30.1650, 20.5090

Conversions

Conversions Part 2

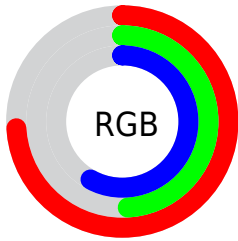
Format	Color
R _Y B	188, 125, 148
Decimal	12352916
CIE Lab	59.43, 27.76, -2.31
CIE LCh	59, 27.860, 355.244
Yxy	27.4967, 0.3614, 0.2973
Android (android.graphics.Color)	4290542996 (0xFFBC7D94)
YUV	146.4590, 0.7597, 36.4315
Hunter-Lab	52.4373, 21.9915, 1.0182

Details

The XYZ color **33.4179, 27.4967, 31.5631** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2333, 43.0436, 42.1559**, and the grayscale version is **27.4990, 28.9311, 31.5060**.

A 20% lighter version of the original color is **64.2373, 55.5175, 63.2074**, and **14.3466, 10.8818, 12.6535** is the 20% darker color. If you saturate the color by 10%, you get **30.3627, 22.8211, 26.1210**, and if you desaturate by 10%, it is **37.0226, 33.1147, 37.6698**.

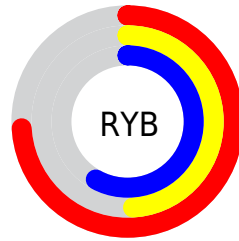
Distribution



Red (74%)

Green (49%)

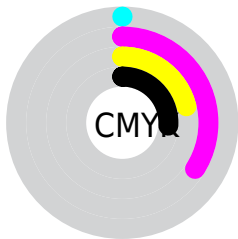
Blue (58%)



Red (74%)

Yellow (49%)

Blue (58%)

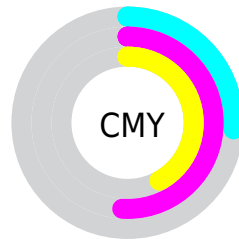


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4179, 27.4967, 31.5631 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 33.4179, 27.4967, 31.5631 by changing the saturation by 10% instead.

 33.4179, 27.4967,
31.5631


 33.4179, 27.4967,
31.5631


309.1604,
290.0541, 323.5554


 22.6075, 17.9466,
20.7660


 64.3777, 55.6799,
63.2155

 14.4231, 10.9117,
12.7635


 85.2579, 75.0818,
84.9078

 8.4992, 6.0075,
7.1371


 110.2255, 98.5364,
111.0689

 4.4705, 2.8496,
3.4682

139.6457,
126.4281, 142.1173

 1.9716, 1.0537,
1.3384

173.8839,
159.1414, 178.4717

 0.6179, 0.0000,
0.0930

213.3056,

 0.0000, 0.0000,

197.0605, 220.5504

0.0000

258.2759,
240.5699, 268.7721

■ 33.4179, 27.4967,
31.5631

■ 33.4179, 27.4967,
31.5631

■ 30.3627, 22.8211,
26.1210

■ 37.0226, 33.1147,
37.6698

■ 27.8262, 19.0320,
21.3177

■ 41.2006, 39.7194,
44.4621

■ 25.7782, 16.0732,
17.1284


■ 45.9775, 47.3569,
51.9619


■ 24.1838, 13.8809,
13.5254


■ 51.3762, 56.0690,
60.1898


■ 23.0037, 12.3814,
10.4785


■ 57.4185, 65.8956,
69.1655

 22.1907, 11.4864,
7.9541

 64.1254, 76.8743,
78.9078

 21.8018, 11.1165,
6.5666

 71.0023, 88.0127,
89.2634

 72.7521, 88.7126,
98.4779

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



32.0521, 27.4967, 42.3021



33.4179, 27.4967, 31.5631



32.6946, 27.4967, 22.4605

Triad

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



33.4179, 27.4967, 31.5631



23.3731, 27.4967, 15.6903



22.4888, 27.4967, 48.6924

Complementary

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



33.4179, 27.4967, 31.5631



33.2333, 43.0436, 42.1559

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.



20.5169, 27.4967, 38.9172



33.4179, 27.4967, 31.5631



20.9946, 27.4967, 20.2554

Square

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



33.4179, 27.4967, 31.5631



26.6958, 27.4967, 14.5670



19.9951, 27.4967, 28.3720



25.5817, 27.4967, 53.4982

Rectangle

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



33.4179, 27.4967, 31.5631



31.1562, 27.4967, 18.2493



19.9951, 27.4967, 28.3720



21.6842, 27.4967, 45.7859

Sweetspot

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



33.4187, 27.4980, 31.5637



77.4424, 76.4025, 84.9820



31.9080, 26.2881, 50.9694



16.3998, 16.0252, 17.8734



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.



33.4187, 27.4980, 31.5637



56.5098, 43.6100, 50.0347



32.8840, 29.0581, 23.2792



9.6703, 9.5924, 10.6526



14.8767, 7.5818, 4.6442



0.6145, 0.3097, 0.3492

Inverse Universe

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



33.4187, 27.4980, 31.5637



56.5098, 43.6100, 50.0347



33.7761, 40.4727, 53.6089



9.6703, 9.5924, 10.6526



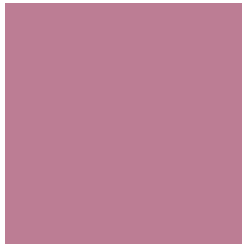
14.8767, 7.5818, 4.6442



0.6145, 0.3097, 0.3492

Previews

White Background



This preview shows how the XYZ color 33.4179, 27.4967, 31.5631 looks on a white background.

Color Contrast Check

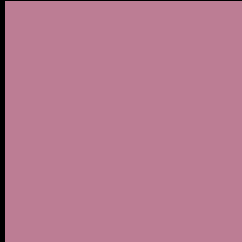
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4179, 27.4967, 31.5631 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 33.4179, 27.4967, 31.5631

Background



This preview shows how black text looks on a background with the XYZ color 33.4179, 27.4967, 31.5631.



This preview shows how white text looks on a background with the XYZ color 33.4179, 27.4967,

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

33.4179, 27.4967, 31.5631

Protanopia

27.0863, 27.6000, 36.7006

Deuteranopia

28.0538, 27.5775, 30.6325



Tritanopia

32.5982, 27.5497, 27.2664

Trichromacy



Original Color

33.4179, 27.4967, 31.5631

Protanomaly

29.0186, 27.3458, 34.7592

Deuteranomaly

29.8619, 27.4503, 30.9187

Tritanomaly

32.7621, 27.4096, 28.7631

Monochromacy



Original Color

33.4179, 27.4967, 31.5631

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0529, 27.8606, 31.4501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4179, 27.4967, 31.5631 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(188, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(188, 125, 148)  
}
```

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(188, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 125, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.4179, 27.4967, 31.5631 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(188, 125, 148) }
```


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

```
.border{ border-color:rgb(188, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 125, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 125, 148); box-shadow:4px 4px 4px 4px rgb(188, 125, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4179, 27.4967, 31.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 125, 148) }
```

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

```
.background{ background-color: rgb(188,  
125, 148) }
```

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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