

Converting Colors

XYZ(31.9800, 19.0571, 37.1148)

Have a look what the booklet for
XYZ(31.9800, 19.0571, 37.1148)
contains.

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Color

**XYZ(31.9800, 19.0571,
37.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	C547A4
RGB	197, 71, 164
RGB Percent	77%, 28%, 64%
CMY	0.2274, 0.7215, 0.3569
CMYK	0.00, 0.64, 0.17, 0.23
HSL	316°, 52%, 53%
HSV	316°, 64%, 77%
XYZ	31.9800, 19.0571, 37.1148
YIQ	119.2760, 45.2430, 55.6350

Conversions

Conversions Part 2

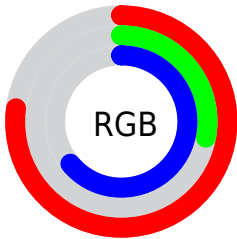
Format	Color
RYB	197, 71, 164
Decimal	12928932
CIELab	50.75, 60.03, -24.62
CIElCh	51, 64.882, 337.703
Yxy	19.0571, 0.3628, 0.2162
Android (android.graphics.Color)	4291119012 (0xFFC547A4)
YUV	119.2760, 22.0489, 68.1639
Hunter-Lab	43.6544, 54.3688, -19.8500

Details

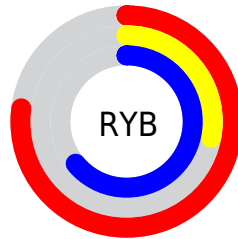
The XYZ color **31.9800, 19.0571, 37.1148** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **25.0644, 42.2722, 19.9368**, and the grayscale version is **17.5451, 18.4588, 20.1017**.

A 20% lighter version of the original color is **61.6156, 41.5532, 71.7909**, and **13.7398, 6.7453, 15.9070** is the 20% darker color. If you saturate the color by 10%, you get **30.4675, 16.7626, 34.3581**, and if you desaturate by 10%, it is **33.9186, 22.1731, 40.1071**.

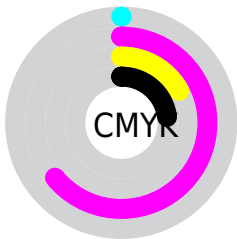
Distribution



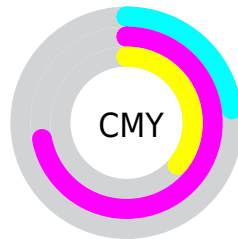
- Red (77%)
- Green (28%)
- Blue (64%)



- Red (77%)
- Yellow (28%)
- Blue (64%)



- Cyan (0%)
- Magenta (64%)
- Yellow (17%)
- Black (23%)




- Cyan (23%)
- Magenta (72%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9800, 19.0571, 37.1148 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 31.9800, 19.0571, 37.1148 by changing the saturation by 10% instead.


 31.9800, 19.0571,
37.1148

 31.9800, 19.0571,
37.1148

302.7750,
246.7638, 348.9909


 21.5017, 11.7115,
24.9999


 62.1451, 41.8306,
71.9376


 13.6058, 6.5476,
15.8580


 82.5627, 58.0273,
95.4826


 7.9268, 3.1808,
9.2704


 107.0240, 77.9431,
123.6747

 4.0996, 1.2268,
4.8188

 135.8945,
101.9626, 156.9325

 1.7586, 0.0835,
2.0845

 169.5395,
130.4699, 195.6745

 0.4925, 0.0000,
0.6065

208.3243,

 0.0000, 0.0000,

163.8497, 240.3192

0.0000

252.6144,
202.4862, 291.2851

■ 31.9800, 19.0571,
37.1148

■ 31.9800, 19.0571,
37.1148

■ 30.4675, 16.7626,
34.3581

■ 33.9186, 22.1731,
40.1071

■ 29.3382, 15.2048,
31.8212

■ 36.3172, 26.1787,
43.3470

■ 28.5431, 14.2857,
29.4867

■ 39.2082, 31.1382,
46.8465

■ 28.1680, 13.9272,
28.1547

■ 42.6206, 37.1090,
50.6161

■ 46.5809, 44.1442,
54.6659

■ 51.1139, 52.2929,
59.0051

■ 56.2430, 61.6013,
63.6424

■ 61.9899, 72.1130,
68.5862

■ 68.3755, 83.8691,
73.8442

Harmonies

Analogous

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



26.6878, 19.0571, 62.7392



31.9800, 19.0571, 37.1148



33.1713, 19.0571, 16.3926

Triad

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



31.9800, 19.0571, 37.1148



16.5199, 19.0571, 1.7839



10.0453, 19.0571, 50.4607

Complementary

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



31.9800, 19.0571, 37.1148



25.0644, 42.2722, 19.9368

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.



8.4818, 19.0571, 25.8181



31.9800, 19.0571, 37.1148



11.6054, 19.0571, 3.5278

Square

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



31.9800, 19.0571, 37.1148



23.1712, 19.0571, 2.2722



8.9770, 19.0571, 10.0804



13.8507, 19.0571, 73.0976

Rectangle

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



31.9800, 19.0571, 37.1148



31.2718, 19.0571, 8.3379



8.9770, 19.0571, 10.0804



9.2863, 19.0571, 41.7130

Sweetspot

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



31.9806, 19.0580, 37.1152



79.5176, 72.0974, 93.9739



17.8687, 11.3929, 54.0809



16.5903, 14.6703, 19.6691



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.9806, 19.0580, 37.1152



53.6339, 28.6912, 59.5694



27.7031, 17.3470, 14.5903



10.9599, 10.7673, 12.7721



18.5631, 9.1748, 18.7070



0.9075, 0.4458, 1.0361

Inverse Universe

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



31.9806, 19.0580, 37.1152



53.6339, 28.6912, 59.5694



29.4027, 44.0075, 42.7820



10.9599, 10.7673, 12.7721



18.5631, 9.1748, 18.7070



0.9075, 0.4458, 1.0361

Previews

White Background



This preview shows how the XYZ color 31.9800, 19.0571, 37.1148 looks on a white background.

Color Contrast Check

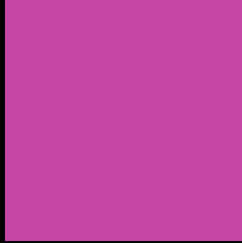
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9800, 19.0571, 37.1148 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 31.9800, 19.0571, 37.1148

Background



This preview shows how black text looks on a background with the XYZ color 31.9800, 19.0571, 37.1148.



This preview shows how white text looks on a background with the XYZ color 31.9800, 19.0571,

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

31.9800, 19.0571, 37.1148

Protanopia

21.1880, 19.4842, 58.5212

Deuteranopia

19.6221, 19.2054, 34.5711



Tritanopia

26.8731, 18.9181, 13.0617

Trichromacy



Original Color

31.9800, 19.0571, 37.1148



Protanomaly

22.5809, 17.6456, 49.7928



Deuteranomaly

22.5981, 17.9701, 35.5352



Tritanomaly

28.3998, 18.7281, 19.8874

Monochromacy



Original Color

31.9800, 19.0571, 37.1148



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

21.1572, 17.4551, 25.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9800, 19.0571, 37.1148 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(197, 71, 164)` looks like.

```
.text, #text, p{  
    color:rgb(197, 71, 164)  
}
```

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(197, 71, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 71, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.9800, 19.0571, 37.1148 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(197, 71, 164) }
```


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

```
.border{ border-color:rgb(197, 71, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 71, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 71, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 71, 164);  
box-shadow:4px 4px 4px 4px rgb(197, 71,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9800, 19.0571, 37.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 71, 164) }
```

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

```
.background{ background-color: rgb(197, 71,  
164) }
```

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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