

Converting Colors

XYZ(39.3069, 30.9722, 34.9691)

Have a look what the booklet for
XYZ(39.3069, 30.9722, 34.9691)
contains.

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Color

**XYZ(39.3677, 31.0703,
34.9326)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF809B |
| RGB | 207, 128, 155 |
| RGB Percent | 81%, 50%, 61% |
| CMY | 0.1882, 0.4980, 0.3922 |
| CMYK | 0.00, 0.38, 0.25, 0.19 |
| HSL | 339°, 45%, 66% |
| HSV | 339°, 38%, 81% |
| XYZ | 39.3677, 31.0703, 34.9326 |
| YIQ | 154.6990, 38.4170, 25.1450 |

Conversions

Conversions Part 2

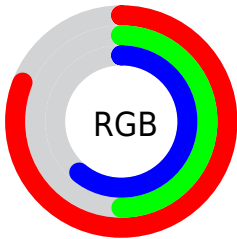
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 207, 128, 155 |
| Decimal | 13598875 |
| CIE Lab | 62.57, 34.06, -1.46 |
| CIE LCh | 63, 34.090, 357.553 |
| Yxy | 31.0703, 0.3736, 0.2949 |
| Android (android.graphics.Color) | 4291788955 (0xFFCF809B) |
| YUV | 154.6990, 0.1484, 45.8680 |
| Hunter-Lab | 55.7407, 28.5219, 1.8616 |

Details

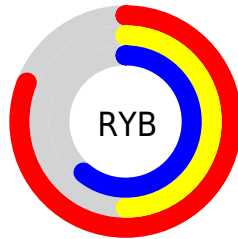
The XYZ color **39.3677, 31.0703, 34.9326** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.4545, 52.5109, 51.2388**, and the grayscale version is **31.0110, 32.6260, 35.5297**.

A 20% lighter version of the original color is **69.4766, 59.3193, 68.1096**, and **17.9151, 12.8865, 14.6398** is the 20% darker color. If you saturate the color by 10%, you get **35.8575, 25.7789, 28.4317**, and if you desaturate by 10%, it is **43.5596, 37.5178, 42.2986**.

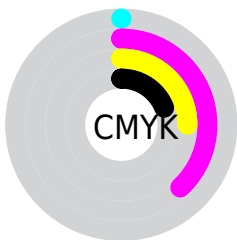
Distribution



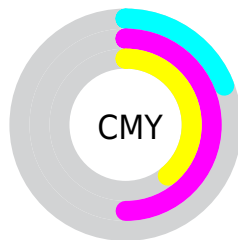
- Red (81%)
- Green (50%)
- Blue (61%)



- Red (81%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (19%)




- Cyan (19%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3677, 31.0703, 34.9326 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 39.3677, 31.0703, 34.9326 by changing the saturation by 10% instead.


 39.3677, 31.0703,
34.9326


 39.3677, 31.0703,
34.9326


334.6316,
306.8621, 339.1659


 27.2279, 20.6524,
23.3278


 73.4902, 61.3507,
68.5317

 17.8819, 12.8701,
14.6282


 96.2036, 81.9820,
91.3632

 10.9644, 7.3392,
8.4151


 123.1722,
106.7866, 118.7739

 6.1100, 3.6751,
4.2702

154.7615,
136.1488, 151.1825

 2.9534, 1.4935,
1.7747

191.3367,
170.4531, 189.0074

 1.1292, 0.2842,
0.4112

233.2632,

 0.0493, 0.0000,

210.0838, 232.6673

0.0000

280.9064,
255.4253, 282.5806

■ 0.0000, 0.0000,
0.0000

■ 39.3677, 31.0703,
34.9326

■ 39.3677, 31.0703,
34.9326

■ 35.8575, 25.7789,
28.4317

■ 43.5596, 37.5178,
42.2986

■ 32.9883, 21.5700,
22.7602

■ 48.4654, 45.1804,
50.5595

■ 30.7192, 18.3685,
17.8826


■ 54.1186, 54.1181,
59.7459


■ 29.0028, 16.0877,
13.7596


■ 60.5495, 64.3859,
69.8865


■ 27.7844, 14.6257,
10.3477


■ 67.7869, 76.0355,
81.0084

 26.9843, 13.8323,
7.5936

 75.8579, 89.1157,
93.1379

 26.8612, 13.7171,
7.1494

 78.8078, 91.7117,
104.3065

 79.5422, 92.0055,
108.1742

Harmonies

Analogous

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



37.7148, 31.0703, 49.4673



39.3677, 31.0703, 34.9326



38.1649, 31.0703, 23.3377

Triad

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



39.3677, 31.0703, 34.9326



25.5952, 31.0703, 15.8624



25.0003, 31.0703, 60.2858

Complementary

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



39.3677, 31.0703, 34.9326



39.4545, 52.5109, 51.2388

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.



22.3092, 31.0703, 47.0735



39.3677, 31.0703, 34.9326



22.6266, 31.0703, 21.8938

Square

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



39.3677, 31.0703, 34.9326



29.9138, 31.0703, 14.1906



21.4873, 31.0703, 32.7514



29.1522, 31.0703, 66.3021

Rectangle

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



39.3677, 31.0703, 34.9326



35.9686, 31.0703, 18.2666



21.4873, 31.0703, 32.7514



23.9120, 31.0703, 56.3937

Sweetspot

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



39.3686, 31.0718, 34.9332



83.9137, 82.2581, 91.2202



37.6543, 29.5705, 62.7548



17.6901, 17.1777, 19.0866



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.



39.3686, 31.0718, 34.9332



58.2999, 42.5567, 47.1483



38.9857, 33.5378, 24.8426



11.9731, 11.8740, 13.1341



16.9638, 8.6584, 4.7156



0.9854, 0.4989, 0.4578

Inverse Universe

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



39.3686, 31.0718, 34.9332



58.2999, 42.5567, 47.1483



39.7144, 48.1926, 66.2407



11.9731, 11.8740, 13.1341



16.9638, 8.6584, 4.7156



0.9854, 0.4989, 0.4578

Previews

White Background



This preview shows how the XYZ color 39.3677, 31.0703, 34.9326 looks on a white background.

Color Contrast Check

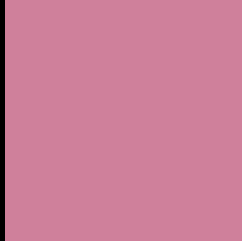
Large Text (above 18pt) WCAG AA × Fail

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 39.3677, 31.0703, 34.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

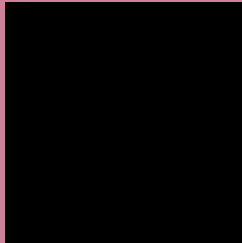
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3677, 31.0703, 34.9326

Background



This preview shows how black text looks on a background with the XYZ color 39.3677, 31.0703, 34.9326.



This preview shows how white text looks on a background with the XYZ color 39.3677, 31.0703,

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

39.3677, 31.0703, 34.9326

Protanopia

30.6225, 31.3874, 41.9805

Deuteranopia

31.8271, 31.2414, 34.0585



Tritanopia

38.3035, 31.2479, 28.8236

Trichromacy



Original Color

39.3677, 31.0703, 34.9326

Protanomaly

33.1009, 30.8713, 39.3361

Deuteranomaly

34.1839, 30.8798, 34.2957

Tritanomaly

38.5471, 31.1314, 30.7654

Monochromacy



Original Color

39.3677, 31.0703, 34.9326

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.4974, 31.6160, 35.3473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3677, 31.0703, 34.9326 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(207, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 128, 155)  
}
```

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(207, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.3677, 31.0703, 34.9326 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(207, 128, 155) }
```


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

```
.border{ border-color:rgb(207, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 128, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 128, 155); box-shadow:4px 4px 4px 4px rgb(207, 128, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3677, 31.0703, 34.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 128, 155) }
```

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

```
.background{ background-color: rgb(207,  
128, 155) }
```

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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