

Converting Colors

XYZ(37.9865, 31.8782, 36.8674)

Have a look what the booklet for
XYZ(37.9865, 31.8782, 36.8674)
contains.

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Color

**XYZ(38.0881, 31.9818,
36.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	C5889F
RGB	197, 136, 159
RGB Percent	77%, 53%, 62%
CMY	0.2274, 0.4666, 0.3765
CMYK	0.00, 0.31, 0.19, 0.23
HSL	337°, 34%, 65%
HSV	337°, 31%, 77%
XYZ	38.0881, 31.9818, 36.9665
YIQ	156.8610, 28.9730, 20.0850

Conversions

Conversions Part 2

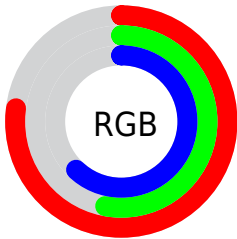
Format	Color
RYB	197, 136, 159
Decimal	12945567
CIELab	63.33, 26.70, -2.75
CIElCh	63, 26.838, 354.117
Yxy	31.9818, 0.3558, 0.2988
Android (android.graphics.Color)	4291135647 (0xFFC5889F)
YUV	156.8610, 1.0545, 35.2019
Hunter-Lab	56.5525, 21.2530, 0.8308

Details

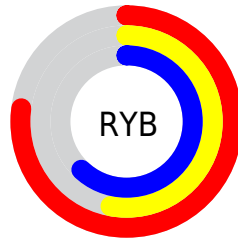
The XYZ color **38.0881, 31.9818, 36.9665** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7609, 48.2236, 47.3645**, and the grayscale version is **31.9724, 33.6374, 36.6312**.

A 20% lighter version of the original color is **71.7911, 62.9420, 71.9835**, and **17.1106, 13.3305, 15.8586** is the 20% darker color. If you saturate the color by 10%, you get **34.5518, 26.5296, 30.7916**, and if you desaturate by 10%, it is **42.2419, 38.4991, 43.8697**.

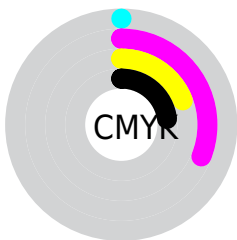
Distribution



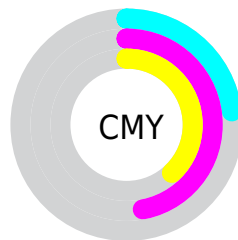
- Red (77%)
- Green (53%)
- Blue (62%)



- Red (77%)
- Yellow (53%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (23%)





- Cyan (23%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0881, 31.9818, 36.9665 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 38.0881, 31.9818, 36.9665 by changing the saturation by 10% instead.


 38.0881, 31.9818,
36.9665


 38.0881, 31.9818,
36.9665


329.2721,
311.0363, 348.3298


 26.2286, 21.3476,
24.8860


 71.5462, 62.7826,
71.7070

 17.1283, 13.3783,
15.7739


 93.8755, 83.7179,
95.2041

 10.4219, 7.6896,
9.2117


 120.4254,
108.8557, 123.3437

 5.7440, 3.8970,
4.7808

151.5613,
138.5805, 156.5445

 2.7292, 1.6161,
2.0628

187.6486,
173.2765, 195.2250

 1.0122, 0.3684,
0.5935

229.0526,

 0.0000, 0.0000,

213.3283, 239.8036

0.0000

276.1386,
259.1201, 290.6991

■ 38.0881, 31.9818,
36.9665

■ 38.0881, 31.9818,
36.9665

■ 34.5518, 26.5296,
30.7916

■ 42.2419, 38.4991,
43.8697

■ 31.5992, 22.0809,
25.3176

■ 47.0393, 46.1299,
51.5234

■ 29.1975, 18.5745,
20.5179


■ 52.5080, 54.9250,
59.9511


■ 27.3089, 15.9407,
16.3635


■ 58.6735, 64.9306,
69.1746


■ 25.8909, 14.1001,
12.8224


■ 65.5596, 76.1907,
79.2151

 24.8934, 12.9584,
9.8594

 73.1894, 88.7468,
90.0925

 24.2713, 12.3685,
7.6347

 75.2540, 89.9775,
99.7163

 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



36.5736, 31.9818, 48.2729



38.0881, 31.9818, 36.9665



37.4099, 31.9818, 27.1005

Triad

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



38.0881, 31.9818, 36.9665



27.5659, 31.9818, 19.2637



26.3924, 31.9818, 54.2118

Complementary

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



38.0881, 31.9818, 36.9665



37.7609, 48.2236, 47.3645

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.



24.3216, 31.9818, 43.8881



38.0881, 31.9818, 36.9665



24.9595, 31.9818, 24.1364

Square

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



38.0881, 31.9818, 36.9665



31.1373, 31.9818, 18.1528



23.8192, 31.9818, 32.7635



29.6699, 31.9818, 59.4530

Rectangle

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



38.0881, 31.9818, 36.9665



35.8314, 31.9818, 22.4133



23.8192, 31.9818, 32.7635



25.5432, 31.9818, 51.1306

Sweetspot

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



38.0890, 31.9833, 36.9672



85.9434, 85.3345, 94.9277



36.2537, 30.5959, 56.8185



18.1008, 17.7933, 19.8585



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.



38.0890, 31.9833, 36.9672



63.9128, 50.6232, 58.7592



37.3110, 33.3294, 27.7610



10.7965, 10.7020, 11.9118



16.0019, 8.1503, 5.2196



0.7928, 0.4000, 0.4319

Inverse Universe

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



38.0890, 31.9833, 36.9672



63.9128, 50.6232, 58.7592



38.6206, 46.0427, 59.6753



10.7965, 10.7020, 11.9118



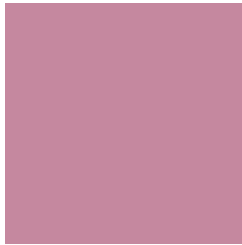
16.0019, 8.1503, 5.2196



0.7928, 0.4000, 0.4319

Previews

White Background



This preview shows how the XYZ color 38.0881, 31.9818, 36.9665 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 38.0881, 31.9818, 36.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

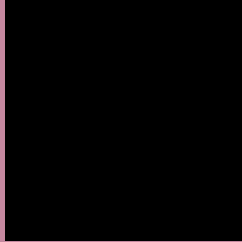
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0881, 31.9818, 36.9665

Background



This preview shows how black text looks on a background with the XYZ color 38.0881, 31.9818, 36.9665.



This preview shows how white text looks on a background with the XYZ color 38.0881, 31.9818,

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

38.0881, 31.9818, 36.9665

Protanopia

31.5016, 32.3224, 42.1147

Deuteranopia

32.7696, 32.1447, 36.3757



Tritanopia

37.1987, 32.0508, 32.2428

Trichromacy



Original Color

38.0881, 31.9818, 36.9665

Protanomaly

33.3737, 31.9089, 39.9974

Deuteranomaly

34.5049, 31.8801, 36.6826

Tritanomaly

37.3781, 31.8941, 33.8919

Monochromacy



Original Color

38.0881, 31.9818, 36.9665

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.9323, 32.7342, 36.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0881, 31.9818, 36.9665 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, 136, 159)` looks like.

```
.text, #text, p{  
    color:rgb(197, 136, 159)  
}
```

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, 136, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 136, 159) }
```

Border

The CSS property to change the border of an element to XYZ 38.0881, 31.9818, 36.9665 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, 136, 159) }
```


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

```
.border{ border-color:rgb(197, 136, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 136, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 136, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 136, 159);  
box-shadow:4px 4px 4px 4px rgb(197, 136,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0881, 31.9818, 36.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 136, 159) }
```

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

```
.background{ background-color: rgb(197,  
136, 159) }
```

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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