

Converting Colors

XYZ(38.0584, 32.0592, 35.9411)

Have a look what the booklet for
XYZ(38.0584, 32.0592, 35.9411)
contains.

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Color

**XYZ(37.9159, 31.9130,
36.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	C5889D
RGB	197, 136, 157
RGB Percent	77%, 53%, 62%
CMY	0.2274, 0.4666, 0.3843
CMYK	0.00, 0.31, 0.20, 0.23
HSL	339°, 34%, 65%
HSV	339°, 31%, 77%
XYZ	37.9159, 31.9130, 36.0597
YIQ	156.6330, 29.6150, 19.4630

Conversions

Conversions Part 2

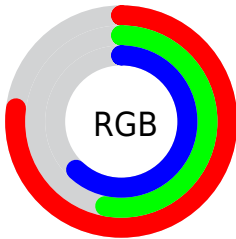
Format	Color
R_{YB}	197, 136, 157
Decimal	12945565
CIE _{Lab}	63.27, 26.39, -1.70
CIE _{LCh}	63, 26.440, 356.316
Yxy	31.9130, 0.3581, 0.3014
Android (android.graphics.Color)	4291135645 (0xFFC5889D)
YUV	156.6330, 0.1809, 35.4019
Hunter-Lab	56.4916, 20.9449, 1.6981

Details

The XYZ color **37.9159, 31.9130, 36.0597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9574, 48.3021, 48.3994**, and the grayscale version is **31.8737, 33.5337, 36.5182**.

A 20% lighter version of the original color is **71.4113, 62.7901, 69.9839**, and **17.0053, 13.2884, 15.3043** is the 20% darker color. If you saturate the color by 10%, you get **34.3470, 26.4477, 29.7130**, and if you desaturate by 10%, it is **42.1132, 38.4477, 43.1920**.

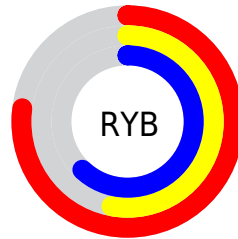
Distribution



Red (77%)

Green (53%)

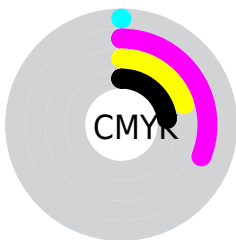
Blue (62%)



Red (77%)

Yellow (53%)

Blue (62%)

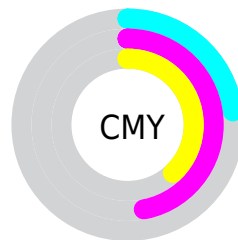


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9159, 31.9130, 36.0597 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 37.9159, 31.9130, 36.0597 by changing the saturation by 10% instead.


 37.9159, 31.9130,
36.0597


 37.9159, 31.9130,
36.0597


328.5462,
310.7227, 344.2667


 26.0943, 21.2951,
24.1902

 71.2839, 62.6747,
70.2943

 17.0273, 13.3398,
15.2613


 93.5611, 83.5872,
93.4965

 10.3494, 7.6630,
8.8543


 120.0543,
108.7000, 121.3134

 5.6952, 3.8801,
4.5508

151.1287,
138.3976, 154.1635

 2.6996, 1.6067,
1.9321

187.1497,
173.0642, 192.4653

 0.9969, 0.3621,
0.5130

228.4827,

 0.0000, 0.0000,

213.0844, 236.6374

0.0000

275.4931,
258.8424, 287.0984

■ 37.9159, 31.9130,
36.0597

■ 37.9159, 31.9130,
36.0597

■ 34.3470, 26.4477,
29.7130

■ 42.1132, 38.4477,
43.1920

■ 31.3721, 21.9901,
24.1217

■ 46.9655, 46.1005,
51.1347

■ 28.9578, 18.4787,
19.2562


■ 52.5010, 54.9222,
59.9139


■ 27.0659, 15.8436,
15.0840


■ 58.7455, 64.9596,
69.5540


■ 25.6530, 14.0050,
11.5698


■ 65.7236, 76.2564,
80.0782

 24.6683, 12.8683,
8.6742

 73.4584, 88.8545,
91.5088

 24.0637, 12.2854,
6.5417

 75.6415, 90.1325,
101.7572

 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



36.5770, 31.9130, 47.1752



37.9159, 31.9130, 36.0597



37.0920, 31.9130, 26.5524

Triad

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



37.9159, 31.9130, 36.0597



27.3165, 31.9130, 19.6249



26.5923, 31.9130, 54.3747

Complementary

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



37.9159, 31.9130, 36.0597



37.9574, 48.3021, 48.3994

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.



24.4483, 31.9130, 44.4767



37.9159, 31.9130, 36.0597



24.8422, 31.9130, 24.7205

Square

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



37.9159, 31.9130, 36.0597



30.7870, 31.9130, 18.2583



23.8341, 31.9130, 33.4682



29.8822, 31.9130, 59.0077

Rectangle

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



37.9159, 31.9130, 36.0597



35.4603, 31.9130, 22.1094



23.8341, 31.9130, 33.4682



25.7242, 31.9130, 51.4667

Sweetspot

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



37.9168, 31.9145, 36.0603



85.8314, 85.2897, 94.3378



36.7089, 30.8306, 56.8396



18.0734, 17.7823, 19.7137



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.



37.9168, 31.9145, 36.0603



63.5636, 50.4835, 56.9205



37.6194, 33.9461, 27.8640



10.7821, 10.6962, 11.8356



15.8634, 8.0949, 4.4904



0.7853, 0.3969, 0.3924

Inverse Universe

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



37.9168, 31.9145, 36.0603



63.5636, 50.4835, 56.9205



38.1837, 45.1687, 59.5295



10.7821, 10.6962, 11.8356



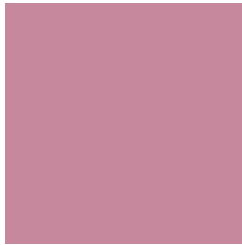
15.8634, 8.0949, 4.4904



0.7853, 0.3969, 0.3924

Previews

White Background



This preview shows how the XYZ color 37.9159, 31.9130, 36.0597 looks on a white background.

Color Contrast Check

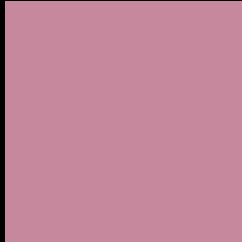
Large Text (above 18pt) WCAG AA × Fail

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 37.9159, 31.9130, 36.0597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

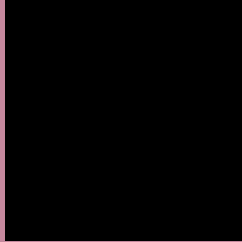
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9159, 31.9130, 36.0597

Background



This preview shows how black text looks on a background with the XYZ color 37.9159, 31.9130, 36.0597.



This preview shows how white text looks on a background with the XYZ color 37.9159, 31.9130,

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

37.9159, 31.9130, 36.0597

Protanopia

31.3152, 32.2479, 41.1332

Deuteranopia

32.8123, 32.1863, 35.4935



Tritanopia

37.1987, 32.0508, 32.2428

Trichromacy



Original Color

37.9159, 31.9130, 36.0597

Protanomaly

33.1930, 31.8366, 39.0460

Deuteranomaly

34.5644, 31.9305, 35.7940

Tritanomaly

37.2965, 31.8614, 33.4623

Monochromacy



Original Color

37.9159, 31.9130, 36.0597

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.8465, 32.6999, 36.4261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9159, 31.9130, 36.0597 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 136, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 136, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.9159, 31.9130, 36.0597 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, 157) }
```


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

```
.border{ border-color:rgb(197, 136, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 136, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 136, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 136,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9159, 31.9130, 36.0597 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, 157) }
```

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

```
.background{ background-color: rgb(197,  
136, 157) }
```

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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