

Converting Colors

XYZ(37.4306, 31.5785, 38.2223)

Have a look what the booklet for
XYZ(37.4306, 31.5785, 38.2223)
contains.

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Color

**XYZ(37.5739, 31.6863,
38.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	C288A2
RGB	194, 136, 162
RGB Percent	76%, 53%, 64%
CMY	0.2392, 0.4666, 0.3647
CMYK	0.00, 0.30, 0.16, 0.24
HSL	333°, 32%, 65%
HSV	333°, 30%, 76%
XYZ	37.5739, 31.6863, 38.3181
YIQ	156.3060, 26.2220, 20.3820

Conversions

Conversions Part 2

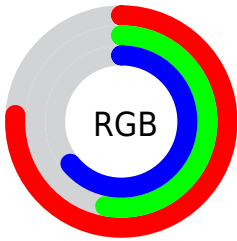
Format	Color
RYB	194, 136, 162
Decimal	12748962
CIELab	63.08, 26.09, -4.85
CIELCh	63, 26.534, 349.460
Yxy	31.6863, 0.3493, 0.2945
Android (android.graphics.Color)	4290939042 (0xFFC288A2)
YUV	156.3060, 2.8071, 33.0576
Hunter-Lab	56.2906, 20.6400, -0.9565

Details

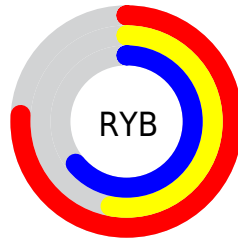
The XYZ color **37.5739, 31.6863, 38.3181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5144, 46.6459, 44.1271**, and the grayscale version is **31.7170, 33.3688, 36.3386**.

A 20% lighter version of the original color is **70.7215, 62.3459, 73.9522**, and **16.7104, 13.1118, 16.4019** is the 20% darker color. If you saturate the color by 10%, you get **34.1737, 26.3441, 32.6884**, and if you desaturate by 10%, it is **41.5515, 38.0528, 44.5406**.

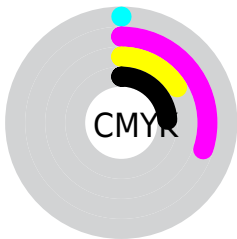
Distribution



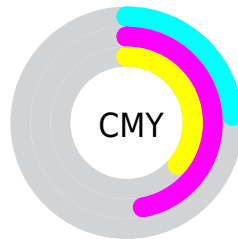
- Red (76%)
- Green (53%)
- Blue (64%)



- Red (76%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5739, 31.6863, 38.3181 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 37.5739, 31.6863, 38.3181 by changing the saturation by 10% instead.


 37.5739, 31.6863,
38.3181


 37.5739, 31.6863,
38.3181


327.1011,
309.6878, 354.3216


 25.8279, 21.1220,
25.9259


 70.7627, 62.3190,
73.8043

 16.8269, 13.2132,
16.5430


 92.9361, 83.1562,
97.7353

 10.2057, 7.5755,
9.7507


 119.3161,
108.1864, 126.3498

 5.5989, 3.8246,
5.1305

150.2679,
137.7942, 160.0661

 2.6411, 1.5759,
2.2640

186.1570,
172.3638, 199.3030

 0.9669, 0.3413,
0.7109

227.3487,

 0.0000, 0.0000,

212.2796, 244.4788

0.0000

274.2082,
257.9262, 296.0121

■ 37.5739, 31.6863,
38.3181

■ 37.5739, 31.6863,
38.3181

■ 34.1737, 26.3441,
32.6884

■ 41.5515, 38.0528,
44.5406

■ 31.3194, 21.9677,
27.6301

■ 46.1303, 45.4894,
51.3724

■ 28.9806, 18.4992,
23.1230

■ 51.3361, 54.0445,
58.8317

■ 27.1227, 15.8728,
19.1450

■ 57.1925, 63.7619,
66.9352

■ 25.7064, 14.0137,
15.6717

■ 63.7216, 74.6833,
75.6989

■ 24.6856, 12.8335,
12.6759

■ 70.9446, 86.8484,
85.1385

■ 23.9738, 12.1632,
10.1163

■ 73.2842, 89.0998,
93.4028

■ 23.9669, 12.1569,
10.0913

■ 74.8949, 89.7441,
101.8848

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



35.7841, 31.6863, 49.3187



37.5739, 31.6863, 38.3181



37.2468, 31.6863, 28.2163

Triad

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



37.5739, 31.6863, 38.3181



27.8341, 31.6863, 18.7811



25.7729, 31.6863, 52.1834

Complementary

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



37.5739, 31.6863, 38.3181



36.5144, 46.6459, 44.1271

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.



23.9604, 31.6863, 41.6558



37.5739, 31.6863, 38.3181



25.0820, 31.6863, 22.9952

Square

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



37.5739, 31.6863, 38.3181



31.4218, 31.6863, 18.2457



23.7181, 31.6863, 30.9462



28.8486, 31.6863, 58.3335

Rectangle

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



37.5739, 31.6863, 38.3181



35.8797, 31.6863, 23.2178



23.7181, 31.6863, 30.9462



25.0067, 31.6863, 48.9506

Sweetspot

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



37.5748, 31.6878, 38.3188



84.2450, 83.5089, 94.0495



34.6702, 29.8189, 54.9677



18.1610, 17.8173, 20.1754



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.



37.5748, 31.6878, 38.3188



63.8492, 50.7470, 62.4965



35.9114, 31.6847, 27.5174



10.2566, 10.1513, 11.4420



15.7975, 8.0088, 6.8458



0.7172, 0.3599, 0.4784

Inverse Universe

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



37.5748, 31.6878, 38.3188



63.8492, 50.7470, 62.4965



38.5446, 46.4354, 57.9708



10.2566, 10.1513, 11.4420



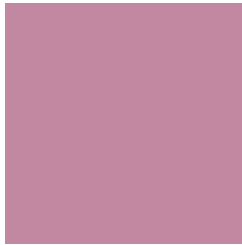
15.7975, 8.0088, 6.8458



0.7172, 0.3599, 0.4784

Previews

White Background



This preview shows how the XYZ color 37.5739, 31.6863, 38.3181 looks on a white background.

Color Contrast Check

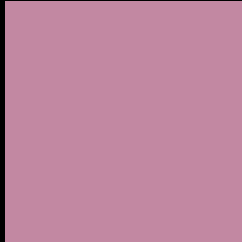
Large Text (above 18pt) WCAG AA × Fail

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 37.5739, 31.6863, 38.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

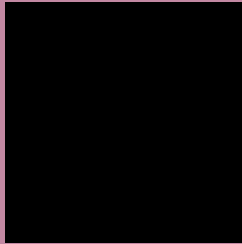
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5739, 31.6863, 38.3181

Background



This preview shows how black text looks on a background with the XYZ color 37.5739, 31.6863, 38.3181.



This preview shows how white text looks on a background with the XYZ color 37.5739, 31.6863,

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

37.5739, 31.6863, 38.3181

Protanopia

31.2523, 31.9191, 43.5435

Deuteranopia

32.4521, 31.7172, 37.6693



Tritanopia

36.2515, 31.5534, 32.6135

Trichromacy



Original Color

37.5739, 31.6863, 38.3181

Protanomaly

33.0727, 31.4919, 41.3812

Deuteranomaly

34.3108, 31.7498, 38.0382

Tritanomaly

36.7707, 31.5619, 34.7259

Monochromacy



Original Color

37.5739, 31.6863, 38.3181

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.4966, 32.5096, 36.8573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5739, 31.6863, 38.3181 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(194, 136, 162)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 162)  
}
```

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(194, 136, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.5739, 31.6863, 38.3181 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(194, 136, 162) }
```


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

```
.border{ border-color:rgb(194, 136, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5739, 31.6863, 38.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 162) }
```

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

```
.background{ background-color: rgb(194,  
136, 162) }
```

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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