

Converting Colors

XYZ(35.4868, 31.1657, 35.4849)

Have a look what the booklet for
XYZ(35.4868, 31.1657, 35.4849)
contains.

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Color

**XYZ(35.5827, 31.1421,
35.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8A9C
RGB	187, 138, 156
RGB Percent	73%, 54%, 61%
CMY	0.2667, 0.4588, 0.3882
CMYK	0.00, 0.26, 0.17, 0.27
HSL	338°, 26%, 64%
HSV	338°, 26%, 73%
XYZ	35.5827, 31.1421, 35.5881
YIQ	154.7030, 23.4260, 15.9860

Conversions

Conversions Part 2

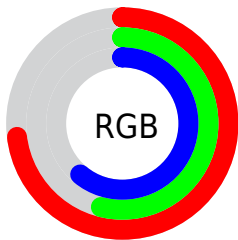
Format	Color
RYB	187, 138, 156
Decimal	12290716
CIELab	62.63, 21.45, -2.20
CIELCh	63, 21.562, 354.137
Yxy	31.1421, 0.3478, 0.3044
Android (android.graphics.Color)	4290480796 (0xFFBB8A9C)
YUV	154.7030, 0.6394, 28.3245
Hunter-Lab	55.8051, 16.1570, 1.2531

Details

The XYZ color **35.5827, 31.1421, 35.5881** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4142, 43.8092, 44.1277**, and the grayscale version is **31.0153, 32.6305, 35.5346**.

A 20% lighter version of the original color is **67.7907, 61.5855, 69.2870**, and **15.7124, 12.9859, 15.0430** is the 20% darker color. If you saturate the color by 10%, you get **32.1737, 25.8500, 29.7473**, and if you desaturate by 10%, it is **39.5530, 37.3999, 42.0982**.

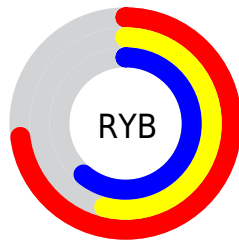
Distribution



Red (73%)

Green (54%)

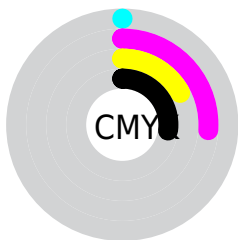
Blue (61%)



Red (73%)

Yellow (54%)

Blue (61%)

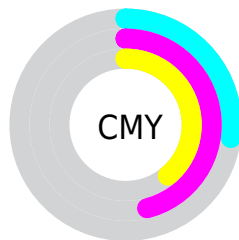


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5827, 31.1421, 35.5881 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 35.5827, 31.1421, 35.5881 by changing the saturation by 10% instead.


 35.5827, 31.1421,
35.5881


 35.5827, 31.1421,
35.5881


318.5961,
307.1924, 342.1394


 24.2807, 20.7071,
23.8291


 67.7156, 61.4637,
69.5577

 15.6678, 12.9101,
14.9959


 89.2772, 82.1191,
92.6054

 9.3788, 7.3666,
8.6699


 114.9893,
106.9501, 120.2530

 5.0481, 3.6924,
4.4326

145.2174,
136.3410, 152.9191

 2.3106, 1.5030,
1.8656

180.3267,
170.6763, 191.0223

 0.8001, 0.2909,
0.4707

220.6827,

 0.0000, 0.0000,

210.3404, 234.9810

0.0000

266.6507,
255.7177, 285.2139

■ 35.5827, 31.1421,
35.5881

■ 35.5827, 31.1421,
35.5881

■ 32.1737, 25.8500,
29.7473

■ 39.5530, 37.3999,
42.0982

■ 29.2970, 21.4708,
24.5514

■ 44.1065, 44.6643,
49.2971

■ 26.9247, 17.9535,
19.9772

■ 49.2673, 52.9786,
57.2058

■ 25.0253, 15.2397,
15.9990

■ 55.0573, 62.3827,
65.8436

■ 23.5636, 13.2642,
12.5893

■ 61.4972, 72.9142,
75.2293

■ 22.4988, 11.9511,
9.7178

■ 68.6067, 84.6090,
85.3809

■ 21.7793, 11.2025,
7.3492

■ 71.8072, 88.3063,
94.7832

■ 21.5580, 10.9906,
6.5643

■ 73.6115, 89.0280,
104.2845

■ 74.3036, 89.3048,
107.9291

Harmonies

Analogous

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



34.4182, 31.1421, 44.2978



35.5827, 31.1421, 35.5881



35.0602, 31.1421, 27.7132

Triad

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



35.5827, 31.1421, 35.5881



27.3490, 31.1421, 21.1829



26.4118, 31.1421, 48.7836

Complementary

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



35.5827, 31.1421, 35.5881



35.4142, 43.8092, 44.1277

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.



24.7377, 31.1421, 40.9643



35.5827, 31.1421, 35.5881



25.2532, 31.1421, 25.2855

Square

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



35.5827, 31.1421, 35.5881



30.1804, 31.1421, 20.2257



24.3279, 31.1421, 32.2825



29.0263, 31.1421, 52.6843

Rectangle

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



35.5827, 31.1421, 35.5881



33.8420, 31.1421, 23.8432



24.3279, 31.1421, 32.2825



25.7275, 31.1421, 46.4696

Sweetspot

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



35.5836, 31.1435, 35.5887



77.3381, 77.3399, 85.7062



34.2539, 30.1151, 51.0213



16.7507, 16.5831, 18.4340



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.5836, 31.1435, 35.5887



60.3710, 50.5431, 58.0472



35.0124, 32.2621, 28.4285



9.6711, 9.5928, 10.6572



14.8857, 7.5855, 4.6919



0.6149, 0.3099, 0.3513

Inverse Universe

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



35.5836, 31.1435, 35.5887



60.3710, 50.5431, 58.0472



36.0334, 42.1550, 53.2514



9.6711, 9.5928, 10.6572



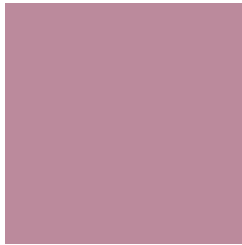
14.8857, 7.5855, 4.6919



0.6149, 0.3099, 0.3513

Previews

White Background



This preview shows how the XYZ color 35.5827, 31.1421, 35.5881 looks on a white background.

Color Contrast Check

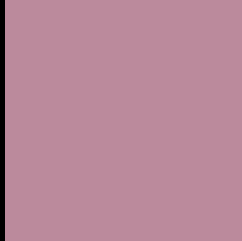
Large Text (above 18pt) WCAG AA × Fail

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 35.5827, 31.1421, 35.5881 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 35.5827, 31.1421, 35.5881

Background



This preview shows how black text looks on a background with the XYZ color 35.5827, 31.1421, 35.5881.



This preview shows how white text looks on a background with the XYZ color 35.5827, 31.1421,

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

35.5827, 31.1421, 35.5881

Protanopia

30.5299, 31.3929, 39.5723

Deuteranopia

31.7835, 31.1999, 34.9189



Tritanopia

34.9873, 31.1063, 33.0143

Trichromacy



Original Color

35.5827, 31.1421, 35.5881

Protanomaly

32.0217, 31.0235, 38.0186

Deuteranomaly

33.1232, 31.1973, 35.2862

Tritanomaly

35.1498, 31.1713, 33.8698

Monochromacy



Original Color

35.5827, 31.1421, 35.5881

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6002, 32.0769, 35.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5827, 31.1421, 35.5881 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(187, 138, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 156)  
}
```

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(187, 138, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.5827, 31.1421, 35.5881 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(187, 138, 156) }
```


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

```
.border{ border-color:rgb(187, 138, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5827, 31.1421, 35.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 156) }
```

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

```
.background{ background-color: rgb(187,  
138, 156) }
```

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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