

Converting Colors

XYZ(35.8313, 31.6697, 33.5406)

Have a look what the booklet for
XYZ(35.8313, 31.6697, 33.5406)
contains.

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Color

**XYZ(35.9503, 31.8093,
33.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8C97
RGB	189, 140, 151
RGB Percent	74%, 55%, 59%
CMY	0.2588, 0.4510, 0.4078
CMYK	0.00, 0.26, 0.20, 0.26
HSL	347°, 27%, 65%
HSV	347°, 26%, 74%
XYZ	35.9503, 31.8093, 33.5232
YIQ	155.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

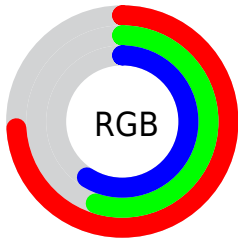
Format	Color
R _Y B	189, 140, 151
Decimal	12422295
CIE Lab	63.18, 20.28, 1.48
CIE LCh	63, 20.336, 4.164
Yxy	31.8093, 0.3549, 0.3141
Android (android.graphics.Color)	4290612375 (0xFFBD8C97)
YUV	155.9050, -2.4182, 29.0243
Hunter-Lab	56.3997, 15.0799, 4.2387

Details

The XYZ color **35.9503, 31.8093, 33.5232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0500, 45.1859, 48.8907**, and the grayscale version is **31.5607, 33.2043, 36.1595**.

A 20% lighter version of the original color is **68.3173, 62.5842, 66.2369**, and **15.8643, 13.2158, 13.7713** is the 20% darker color. If you saturate the color by 10%, you get **32.3049, 26.3064, 26.7955**, and if you desaturate by 10%, it is **40.2199, 38.3230, 41.1900**.

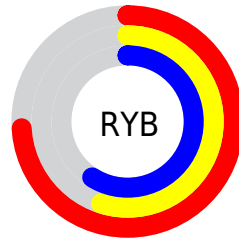
Distribution



Red (74%)

Green (55%)

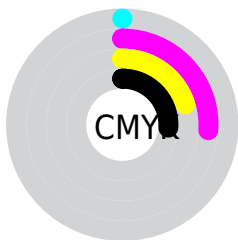
Blue (59%)



Red (74%)

Yellow (55%)

Blue (59%)

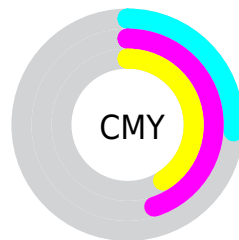


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9503, 31.8093, 33.5232 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 35.9503, 31.8093, 33.5232 by changing the saturation by 10% instead.


 35.9503, 31.8093,
33.5232


 35.9503, 31.8093,
33.5232

320.1783,
310.2496, 332.7048


 24.5657, 21.2159,
22.2532

 68.2797, 62.5120,
66.3169

 15.8808, 13.2819,
13.8429


 89.9553, 83.3901,
88.6777

 9.5302, 7.6229,
7.8740


 115.7919,
108.4652, 115.5724

 5.1484, 3.8546,
3.9278

146.1550,
138.1217, 147.4197

 2.3703, 1.5926,
1.5858

181.4098,
172.7440, 184.6380

 0.8303, 0.3526,
0.2807

221.9217,

 0.0000, 0.0000,

212.7165, 227.6459

0.0000

268.0561,
258.4236, 276.8620

■ 35.9503, 31.8093,
33.5232

■ 35.9503, 31.8093,
33.5232

■ 32.3049, 26.3064,
26.7955

■ 40.2199, 38.3230,
41.1900

■ 29.2513, 21.7592,
20.9683

■ 45.1386, 45.8902,
49.8284

■ 26.7583, 18.1142,
16.0033

■ 50.7333, 54.5564,
59.4718

■ 24.7906, 15.3106,
11.8585

■ 57.0284, 64.3632,
70.1514

■ 23.3090, 13.2803,
8.4882

■ 64.0474, 75.3501,
81.8971

■ 22.2680, 11.9442,
5.8420

■ 71.8123, 87.5544,
94.7375

■ 21.6117, 11.2028,
3.8624

■ 74.5732, 89.4696,
106.7764

■ 21.4119, 10.9891,
3.2226

■ 74.7965, 89.5589,
107.9522

Harmonies

Analogous

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



35.3633, 31.8093, 41.8271



35.9503, 31.8093, 33.5232



34.9294, 31.8093, 26.6503

Triad

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



35.9503, 31.8093, 33.5232



27.2994, 31.8093, 23.3422



27.9393, 31.8093, 50.5160

Complementary

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



35.9503, 31.8093, 33.5232



37.0500, 45.1859, 48.8907

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.



25.9790, 31.8093, 44.0736



35.9503, 31.8093, 33.5232



25.6260, 31.8093, 28.3184

Square

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



35.9503, 31.8093, 33.5232



29.8431, 31.8093, 21.3784



25.1579, 31.8093, 35.7710



30.6279, 31.8093, 52.4779

Rectangle

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



35.9503, 31.8093, 33.5232



33.5094, 31.8093, 23.5419



25.1579, 31.8093, 35.7710



27.1789, 31.8093, 48.7583

Sweetspot

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



35.9512, 31.8108, 33.5239



78.7985, 79.0352, 85.6793



36.8253, 31.8456, 52.3505



16.6514, 16.5434, 17.9110



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.



35.9512, 31.8108, 33.5239



60.6150, 51.2625, 53.1231



37.1231, 35.5179, 29.7117



9.6155, 9.5705, 10.3643



14.4308, 7.4035, 2.2964



0.5907, 0.3002, 0.2240

Inverse Universe

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



35.9512, 31.8108, 33.5239



60.6150, 51.2625, 53.1231



35.5140, 40.2752, 54.0467



9.6155, 9.5705, 10.3643



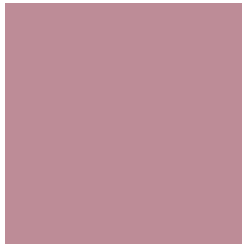
14.4308, 7.4035, 2.2964



0.5907, 0.3002, 0.2240

Previews

White Background



This preview shows how the XYZ color 35.9503, 31.8093, 33.5232 looks on a white background.

Color Contrast Check

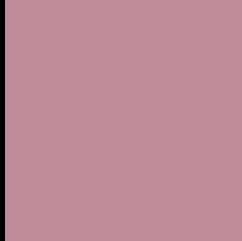
Large Text (above 18pt) WCAG AA × Fail

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 35.9503, 31.8093, 33.5232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

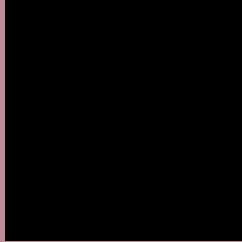
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9503, 31.8093, 33.5232

Background



This preview shows how black text looks on a background with the XYZ color 35.9503, 31.8093, 33.5232.



This preview shows how white text looks on a background with the XYZ color 35.9503, 31.8093,

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

35.9503, 31.8093, 33.5232

Protanopia

30.7262, 31.7951, 36.8654

Deuteranopia

32.3769, 31.7848, 32.8624



Tritanopia

35.9503, 31.8093, 33.5232

Trichromacy



Original Color

35.9503, 31.8093, 33.5232

Protanomaly

32.4426, 31.7619, 35.4311

Deuteranomaly

33.5349, 31.6829, 33.2021

Tritanomaly

35.9503, 31.8093, 33.5232

Monochromacy



Original Color

35.9503, 31.8093, 33.5232

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.8875, 32.4706, 35.1059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9503, 31.8093, 33.5232 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(189, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 140, 151)  
}
```

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(189, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.9503, 31.8093, 33.5232 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(189, 140, 151) }
```


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

```
.border{ border-color:rgb(189, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9503, 31.8093, 33.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 140, 151) }
```

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

```
.background{ background-color: rgb(189,  
140, 151) }
```

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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