

Converting Colors

XYZ(35.4465, 31.3022, 33.3286)

Have a look what the booklet for
XYZ(35.4465, 31.3022, 33.3286)
contains.

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Color

**XYZ(35.5576, 31.3910,
33.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8B97
RGB	188, 139, 151
RGB Percent	74%, 55%, 59%
CMY	0.2627, 0.4549, 0.4078
CMYK	0.00, 0.26, 0.20, 0.26
HSL	345°, 27%, 64%
HSV	345°, 26%, 74%
XYZ	35.5576, 31.3910, 33.4631
YIQ	155.0190, 25.3520, 14.1200

Conversions

Conversions Part 2

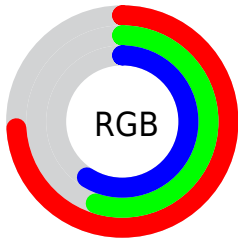
Format	Color
R_{YB}	188, 139, 151
Decimal	12356503
CIE _{Lab}	62.84, 20.46, 0.96
CIE _{LCh}	63, 20.486, 2.676
Yxy	31.3910, 0.3541, 0.3126
Android (android.graphics.Color)	4290546583 (0xFFBC8B97)
YUV	155.0190, -1.9814, 28.9243
Hunter-Lab	56.0277, 15.2354, 3.8078

Details

The XYZ color **35.5576, 31.3910, 33.4631** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.4685, 44.5908, 47.7614**, and the grayscale version is **31.1655, 32.7885, 35.7067**.

A 20% lighter version of the original color is **67.7456, 61.9602, 66.1465**, and **15.7041, 13.1332, 13.7639** is the 20% darker color. If you saturate the color by 10%, you get **31.9816, 25.9742, 26.9211**, and if you desaturate by 10%, it is **39.7423, 37.8024, 40.8938**.

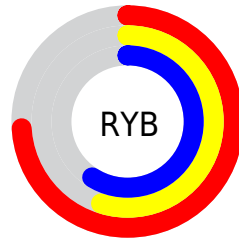
Distribution



Red (74%)

Green (55%)

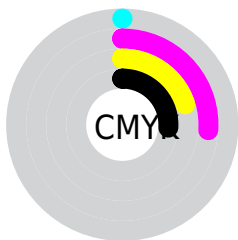
Blue (59%)



Red (74%)

Yellow (55%)

Blue (59%)

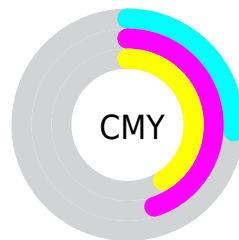


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5576, 31.3910, 33.4631 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 35.5576, 31.3910, 33.4631 by changing the saturation by 10% instead.


 35.5576, 31.3910,
33.4631


 35.5576, 31.3910,
33.4631


318.4878,
308.3356, 332.4271


 24.2612, 20.8968,
22.2074


 67.6770, 61.8551,
66.2222

 15.6533, 13.0486,
13.8096


 89.2308, 82.5938,
88.5627

 9.3684, 7.4620,
7.8511


 114.9344,
107.5161, 115.4352

 5.0413, 3.7527,
3.9134

145.1533,
137.0065, 147.2583

 2.3065, 1.5362,
1.5780

180.2527,
171.4492, 184.4505

 0.7980, 0.3140,
0.2750

220.5980,

 0.0000, 0.0000,

211.2287, 227.4303

0.0000

266.5546,
256.7294, 276.6164

■ 35.5576, 31.3910,
33.4631

■ 35.5576, 31.3910,
33.4631

■ 31.9816, 25.9742,
26.9211

■ 39.7423, 37.8024,
40.8938

■ 28.9828, 21.4978,
21.2320

■ 44.5601, 45.2505,
49.2432

■ 26.5309, 17.9091,
16.3604

■ 50.0370, 53.7801,
58.5424

■ 24.5915, 15.1482,
12.2676

■ 56.1969, 63.4321,
68.8203

■ 23.1263, 13.1480,
8.9114

■ 63.0625, 74.2453,
80.1045

■ 22.0912, 11.8305,
6.2454

■ 70.6554, 86.2567,
92.4218

■ 21.4309, 11.0967,
4.2166

■ 73.8142, 89.1375,
104.0702

■ 21.2329, 10.8889,
3.5706

■ 74.5492, 89.4314,
107.9406

Harmonies

Analogous

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



34.8916, 31.3910, 41.7755



35.5576, 31.3910, 33.4631



34.6128, 31.3910, 26.4965

Triad

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



35.5576, 31.3910, 33.4631



27.0167, 31.3910, 22.7516



27.4271, 31.3910, 49.8298

Complementary

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



35.5576, 31.3910, 33.4631



36.4685, 44.5908, 47.7614

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.



25.5206, 31.3910, 43.2202



35.5576, 31.3910, 33.4631



25.2943, 31.3910, 27.5650

Square

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



35.5576, 31.3910, 33.4631



29.5850, 31.3910, 20.9496



24.7640, 31.3910, 34.9060



30.0888, 31.3910, 52.0576

Rectangle

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



35.5576, 31.3910, 33.4631



33.2291, 31.3910, 23.3041



24.7640, 31.3910, 34.9060



26.6825, 31.3910, 48.0006

Sweetspot

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



35.5585, 31.3924, 33.4637



78.8546, 79.0576, 85.9745



36.1589, 31.2987, 51.7128



16.6655, 16.5490, 17.9850



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.



35.5585, 31.3924, 33.4637



60.7805, 51.3287, 53.9945



36.5072, 34.7706, 29.2152



9.6234, 9.5737, 10.4058



14.4816, 7.4238, 2.5640



0.5941, 0.3016, 0.2420

Inverse Universe

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



35.5585, 31.3924, 33.4637



60.7805, 51.3287, 53.9945



35.2021, 40.0736, 53.4569



9.6234, 9.5737, 10.4058



14.4816, 7.4238, 2.5640



0.5941, 0.3016, 0.2420

Previews

White Background



This preview shows how the XYZ color 35.5576, 31.3910, 33.4631 looks on a white background.

Color Contrast Check

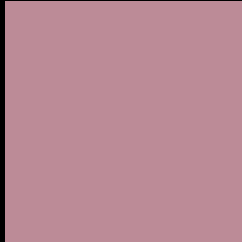
Large Text (above 18pt) WCAG AA × Fail

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 35.5576, 31.3910, 33.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

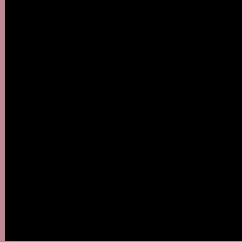
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5576, 31.3910, 33.4631

Background



This preview shows how black text looks on a background with the XYZ color 35.5576, 31.3910, 33.4631.



This preview shows how white text looks on a background with the XYZ color 35.5576, 31.3910,

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

35.5576, 31.3910, 33.4631

Protanopia

30.3750, 31.3741, 36.8026

Deuteranopia

32.0070, 31.3622, 32.8003



Tritanopia

35.4767, 31.3586, 33.0372

Trichromacy



Original Color

35.5576, 31.3910, 33.4631

Protanomaly

32.0760, 31.3410, 35.3692

Deuteranomaly

33.1575, 31.2625, 33.1408

Tritanomaly

35.4767, 31.3586, 33.0372

Monochromacy



Original Color

35.5576, 31.3910, 33.4631

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5165, 32.0435, 35.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5576, 31.3910, 33.4631 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(188, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(188, 139, 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(188, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 139, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.5576, 31.3910, 33.4631 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(188, 139, 151) }
```


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

```
.border{ border-color:rgb(188, 139, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 139, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(188, 139,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5576, 31.3910, 33.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 139, 151) }
```

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

```
.background{ background-color: rgb(188,  
139, 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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