

Converting Colors

XYZ(35.5410, 31.5869, 33.5276)

Have a look what the booklet for
XYZ(35.5410, 31.5869, 33.5276)
contains.

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Color

**XYZ(35.4575, 31.5553,
33.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8C97
RGB	187, 140, 151
RGB Percent	73%, 55%, 59%
CMY	0.2667, 0.4510, 0.4078
CMYK	0.00, 0.25, 0.19, 0.27
HSL	346°, 26%, 64%
HSV	346°, 25%, 73%
XYZ	35.4575, 31.5553, 33.5001
YIQ	155.3070, 24.4810, 13.3850

Conversions

Conversions Part 2

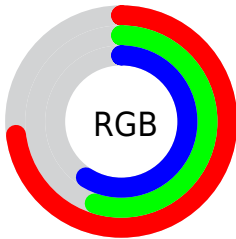
Format	Color
RYB	187, 140, 151
Decimal	12291223
CIELab	62.97, 19.53, 1.14
CIElCh	63, 19.567, 3.350
Yxy	31.5553, 0.3528, 0.3139
Android (android.graphics.Color)	4290481303 (0xFFBB8C97)
YUV	155.3070, -2.1234, 27.7948
Hunter-Lab	56.1741, 14.3658, 3.9636

Details

The XYZ color **35.4575, 31.5553, 33.5001** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.4233, 44.2515, 47.6981**, and the grayscale version is **31.2939, 32.9236, 35.8538**.

A 20% lighter version of the original color is **67.6195, 62.2244, 66.2042**, and **15.6293, 13.2190, 13.7844** is the 20% darker color. If you saturate the color by 10%, you get **31.8603, 26.1106, 26.9060**, and if you desaturate by 10%, it is **39.6622, 37.9881, 40.9948**.

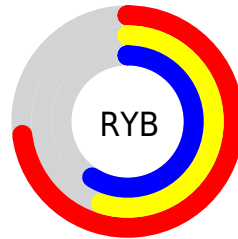
Distribution



Red (73%)

Green (55%)

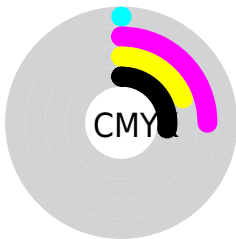
Blue (59%)



Red (73%)

Yellow (55%)

Blue (59%)

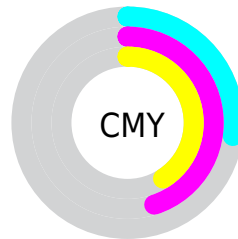


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4575, 31.5553, 33.5001 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 35.4575, 31.5553, 33.5001 by changing the saturation by 10% instead.


 35.4575, 31.5553,
33.5001


 35.4575, 31.5553,
33.5001


318.0559,
309.0885, 332.5981


 24.1837, 21.0221,
22.2356


 67.5233, 62.1133,
66.2805

 15.5954, 13.1401,
13.8301


 89.0459, 82.9068,
88.6335

 9.3273, 7.5251,
7.8652


 114.7155,
107.8892, 115.5197

 5.0141, 3.7926,
3.9223

144.8975,
137.4450, 147.3577

 2.2904, 1.5582,
1.5828

179.9572,
171.9583, 184.5659

 0.7897, 0.3292,
0.2785

220.2599,

 0.0000, 0.0000,

211.8138, 227.5631

0.0000

266.1710,
257.3957, 276.7676

■ 35.4575, 31.5553,
33.5001

■ 35.4575, 31.5553,
33.5001

■ 31.8603, 26.1106,
26.9060

■ 39.6622, 37.9881,
40.9948

■ 28.8393, 21.6007,
21.1762

■ 44.4984, 45.4503,
49.4207

■ 26.3648, 17.9740,
16.2747

■ 49.9919, 53.9859,
58.8093

■ 24.4028, 15.1718,
12.1622

■ 56.1664, 63.6351,
69.1901

■ 22.9156, 13.1285,
8.7958

■ 63.0442, 74.4363,
80.5910

■ 21.8600, 11.7684,
6.1286

■ 70.6469, 86.4258,
93.0393

■ 21.1841, 10.9991,
4.1073

■ 73.7092, 89.0671,
104.7989

■ 20.9437, 10.7449,
3.3290

■ 74.3036, 89.3049,
107.9291

Harmonies

Analogous

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



34.8565, 31.5553, 41.4397



35.4575, 31.5553, 33.5001



34.5235, 31.5553, 26.8417

Triad

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



35.4575, 31.5553, 33.5001



27.2380, 31.5553, 23.4111



27.7318, 31.5553, 49.3701

Complementary

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



35.4575, 31.5553, 33.5001



36.4233, 44.2515, 47.6981

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.



25.8761, 31.5553, 43.1616



35.4575, 31.5553, 33.5001



25.6032, 31.5553, 28.1335

Square

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



35.4575, 31.5553, 33.5001



29.6912, 31.5553, 21.5913



25.1198, 31.5553, 35.2311



30.2956, 31.5553, 51.3681

Rectangle

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



35.4575, 31.5553, 33.5001



33.1868, 31.5553, 23.7920



25.1198, 31.5553, 35.2311



27.0098, 31.5553, 47.6649

Sweetspot

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



35.4584, 31.5567, 33.5008



76.9778, 77.1958, 83.8093



36.0842, 31.4885, 51.1900



16.6580, 16.5461, 17.9456



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.



35.4584, 31.5567, 33.5008



59.9237, 51.0818, 53.4797



36.4159, 34.8350, 29.6172



9.6192, 9.5720, 10.3837



14.4541, 7.4128, 2.4187



0.5923, 0.3008, 0.2325

Inverse Universe

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



35.4584, 31.5567, 33.5008



59.9237, 51.0818, 53.4797



35.1647, 39.9217, 52.8663



9.6192, 9.5720, 10.3837



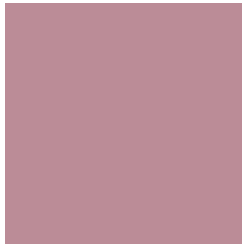
14.4541, 7.4128, 2.4187



0.5923, 0.3008, 0.2325

Previews

White Background



This preview shows how the XYZ color 35.4575, 31.5553, 33.5001 looks on a white background.

Color Contrast Check

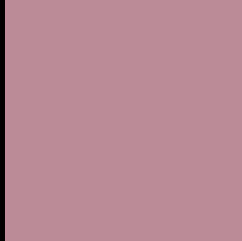
Large Text (above 18pt) WCAG AA × Fail

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 35.4575, 31.5553, 33.5001 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 35.4575, 31.5553, 33.5001

Background



This preview shows how black text looks on a background with the XYZ color 35.4575, 31.5553, 33.5001.



This preview shows how white text looks on a background with the XYZ color 35.4575, 31.5553,

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

35.4575, 31.5553, 33.5001

Protanopia

30.7262, 31.7951, 36.8654

Deuteranopia

32.2434, 31.7066, 33.2747



Tritanopia

35.4575, 31.5553, 33.5001

Trichromacy



Original Color

35.4575, 31.5553, 33.5001

Protanomaly

32.2322, 31.6534, 35.4212

Deuteranomaly

33.3096, 31.5668, 33.1915

Tritanomaly

35.4575, 31.5553, 33.5001

Monochromacy



Original Color

35.4575, 31.5553, 33.5001

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6754, 32.3613, 35.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4575, 31.5553, 33.5001 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, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.4575, 31.5553, 33.5001 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, 140, 151) }
```


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

```
.border{ border-color:rgb(187, 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(187, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(187, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4575, 31.5553, 33.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 140, 151) }
```

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

```
.background{ background-color: rgb(187,  
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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