

Converting Colors

XYZ(35.5242, 31.9050, 33.8641)

Have a look what the booklet for
XYZ(35.5242, 31.9050, 33.8641)
contains.

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Color

**XYZ(35.4421, 31.7559,
33.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8D98
RGB	186, 141, 152
RGB Percent	73%, 55%, 60%
CMY	0.2706, 0.4470, 0.4039
CMYK	0.00, 0.24, 0.18, 0.27
HSL	345°, 25%, 64%
HSV	345°, 24%, 73%
XYZ	35.4421, 31.7559, 33.9673
YIQ	155.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

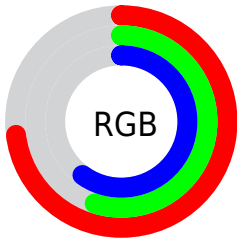
Format	Color
R _Y B	186, 141, 152
Decimal	12225944
CIE Lab	63.14, 18.76, 0.81
CIE LCh	63, 18.779, 2.461
Yxy	31.7559, 0.3503, 0.3139
Android (android.graphics.Color)	4290416024 (0xFFBA8D98)
YUV	155.7090, -1.8285, 26.5652
Hunter-Lab	56.3524, 13.6486, 3.7087

Details

The XYZ color **35.4421, 31.7559, 33.9673** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2826, 43.8765, 47.1163**, and the grayscale version is **31.4717, 33.1107, 36.0575**.

A 20% lighter version of the original color is **67.6178, 62.5411, 66.9003**, and **15.5208, 13.1574, 14.0335** is the 20% darker color. If you saturate the color by 10%, you get **31.8427, 26.2913, 27.4209**, and if you desaturate by 10%, it is **39.6403, 38.1992, 41.3870**.

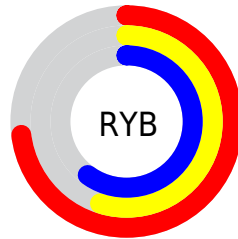
Distribution



Red (73%)

Green (55%)

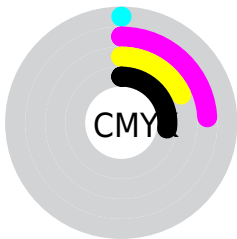
Blue (60%)



Red (73%)

Yellow (55%)

Blue (60%)

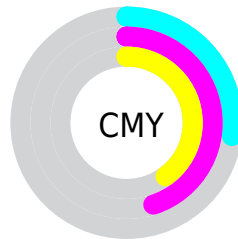


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4421, 31.7559, 33.9673 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 35.4421, 31.7559, 33.9673 by changing the saturation by 10% instead.

 35.4421, 31.7559,
33.9673


 35.4421, 31.7559,
33.9673


317.9894,
310.0058, 334.7509


 24.1717, 21.1751,
22.5913


 67.4996, 62.4282,
67.0161

 15.5865, 13.2521,
14.0896


 89.0175, 83.2886,
89.5261

 9.3210, 7.6024,
8.0435

 114.6819,
108.3442, 116.5844

 5.0099, 3.8416,
4.0346

144.8581,
137.9795, 148.6097

 2.2879, 1.5853,
1.6444

179.9117,
172.5790, 186.0204

 0.7885, 0.3477,
0.3222

220.2078,

 0.0000, 0.0000,

212.5269, 229.2352

0.0000

266.1120,
258.2077, 278.6725

■ 35.4421, 31.7559,
33.9673

■ 35.4421, 31.7559,
33.9673

■ 31.8427, 26.2913,
27.4209

■ 39.6403, 38.1992,
41.3870

■ 28.8118, 21.7530,
21.7132

■ 44.4604, 45.6613,
49.7090

■ 26.3201, 18.0907,
16.8102

■ 49.9279, 54.1856,
58.9632

■ 24.3349, 15.2472,
12.6745

■ 56.0656, 63.8114,
69.1777

■ 22.8197, 13.1585,
9.2658

■ 62.8956, 74.5763,
80.3792

■ 21.7326, 11.7512,
6.5396

■ 70.4386, 86.5158,
92.5936

■ 21.0242, 10.9368,
4.4463

■ 73.3252, 88.8853,
104.0490

■ 20.7323, 10.6322,
3.4884

■ 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



34.8223, 31.7559, 41.6061



35.4421, 31.7559, 33.9673



34.5873, 31.7559, 27.4665

Triad

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



35.4421, 31.7559, 33.9673



27.5858, 31.7559, 23.8760



27.9365, 31.7559, 48.8428

Complementary

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



35.4421, 31.7559, 33.9673



36.2826, 43.8765, 47.1163

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.



26.1695, 31.7559, 42.8190



35.4421, 31.7559, 33.9673



25.9753, 31.7559, 28.3874

Square

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



35.4421, 31.7559, 33.9673



29.9695, 31.7559, 22.1852



25.4718, 31.7559, 35.1935



30.3976, 31.7559, 50.8905

Rectangle

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



35.4421, 31.7559, 33.9673



33.3232, 31.7559, 24.4472



25.4718, 31.7559, 35.1935



27.2466, 31.7559, 47.1770

Sweetspot

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



35.4430, 31.7574, 33.9680



77.9121, 78.6118, 85.5160



36.0120, 31.6816, 50.6718



17.0389, 17.1276, 18.6279



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.



35.4430, 31.7574, 33.9680



60.6592, 52.1070, 55.0993



36.3274, 34.9013, 30.0231



9.0922, 9.0473, 9.8330



13.9735, 7.1631, 2.4811



0.5178, 0.2626, 0.2202

Inverse Universe

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



35.4430, 31.7574, 33.9680



60.6592, 52.1070, 55.0993



35.1300, 39.7717, 52.2798



9.0922, 9.0473, 9.8330



13.9735, 7.1631, 2.4811



0.5178, 0.2626, 0.2202

Previews

White Background



This preview shows how the XYZ color 35.4421, 31.7559, 33.9673 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 35.4421, 31.7559, 33.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

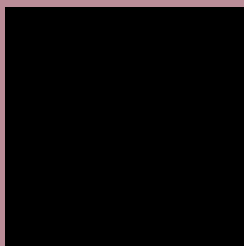
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4421, 31.7559, 33.9673

Background



This preview shows how black text looks on a background with the XYZ color 35.4421, 31.7559, 33.9673.



This preview shows how white text looks on a background with the XYZ color 35.4421, 31.7559,

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

35.4421, 31.7559, 33.9673

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

32.5380, 31.8492, 33.7107



Tritanopia

35.4421, 31.7559, 33.9673

Trichromacy



Original Color

35.4421, 31.7559, 33.9673

Protanomaly

32.3165, 31.6871, 35.8654

Deuteranomaly

33.3905, 31.5991, 33.6175

Tritanomaly

35.4421, 31.7559, 33.9673

Monochromacy



Original Color

35.4421, 31.7559, 33.9673

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.9194, 32.7153, 35.5900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4421, 31.7559, 33.9673 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(186, 141, 152)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 152)  
}
```

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(186, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.4421, 31.7559, 33.9673 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(186, 141, 152) }
```


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

```
.border{ border-color:rgb(186, 141, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 152);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4421, 31.7559, 33.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 152) }
```

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

```
.background{ background-color: rgb(186,  
141, 152) }
```

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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