

Converting Colors

XYZ(34.5349, 31.4972, 39.0765)

Have a look what the booklet for
XYZ(34.5349, 31.4972, 39.0765)
contains.

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Color

**XYZ(34.4153, 31.3375,
38.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	B18EA3
RGB	177, 142, 163
RGB Percent	69%, 56%, 64%
CMY	0.3059, 0.4431, 0.3608
CMYK	0.00, 0.20, 0.08, 0.31
HSL	324°, 18%, 63%
HSV	324°, 20%, 69%
XYZ	34.4153, 31.3375, 38.8852
YIQ	154.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

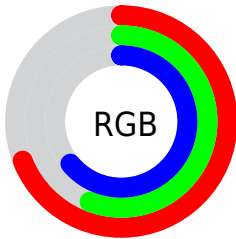
Format	Color
RYB	177, 142, 163
Decimal	11636387
CIELab	62.79, 16.76, -6.05
CIELCh	63, 17.815, 340.151
Yxy	31.3375, 0.3289, 0.2995
Android (android.graphics.Color)	4289826467 (0xFFB18EA3)
YUV	154.8590, 4.0135, 19.4177
Hunter-Lab	55.9799, 11.7733, -1.9985

Details

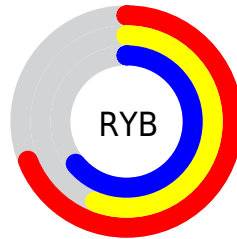
The XYZ color **34.4153, 31.3375, 38.8852** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8795, 39.5961, 37.3642**, and the grayscale version is **31.0726, 32.6908, 35.6003**.

A 20% lighter version of the original color is **65.9991, 61.8654, 74.7924**, and **15.0086, 13.0871, 16.7739** is the 20% darker color. If you saturate the color by 10%, you get **31.3715, 26.2365, 34.8278**, and if you desaturate by 10%, it is **37.9147, 37.2918, 43.2704**.

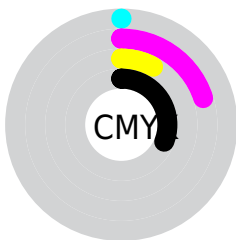
Distribution



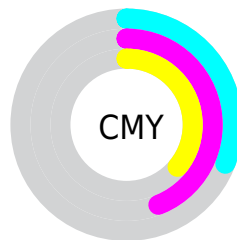
- Red (69%)
- Green (56%)
- Blue (64%)



- Red (69%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4153, 31.3375, 38.8852 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 34.4153, 31.3375, 38.8852 by changing the saturation by 10% instead.


 34.4153, 31.3375,
38.8852


 34.4153, 31.3375,
38.8852


313.5333,
308.0902, 356.8135


 23.3772, 20.8560,
26.3633


 65.9190, 61.7710,
74.6813

 14.9945, 13.0188,
16.8674


 87.1153, 82.4919,
98.7926

 8.9018, 7.4415,
9.9790


 112.4284,
107.3946, 127.6041

 4.7338, 3.7397,
5.2796

142.2237,
136.8635, 161.5343

 2.1251, 1.5290,
2.3507

176.8665,
171.2832, 201.0019

 0.7028, 0.3090,
0.7594

216.7221,

 0.0000, 0.0000,

211.0379, 246.4252

0.0000

262.1559,
256.5121, 298.2229

■ 34.4153, 31.3375,
38.8852

■ 34.4153, 31.3375,
38.8852

■ 31.3715, 26.2365,
34.8278

■ 37.9147, 37.2918,
43.2704

■ 28.7602, 21.9451,
31.0867

■ 41.8858, 44.1323,
47.9906

■ 26.5604, 18.4218,
27.6523

■ 46.3474, 51.8952,
53.0550

■ 24.7484, 15.6199,
24.5137

■ 51.3164, 60.6133,
58.4719

■ 23.2977, 13.4875,
21.6590

■ 56.8088, 70.3181,
64.2494

■ 22.1782, 11.9658,
19.0750

■ 62.8401, 81.0392,
70.3950

■ 21.3549, 10.9853,
16.7468

■ 65.8467, 85.6492,
75.7234

■ 20.7561, 10.4040,
14.6471

■ 66.7630, 86.0157,
80.5485

■ 20.7432, 10.3918,
14.6013

■ 67.7190, 86.3981,
85.5827

Harmonies

Analogous

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



32.9111, 31.3375, 45.4447



34.4153, 31.3375, 38.8852



34.6416, 31.3375, 31.8095

Triad

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



34.4153, 31.3375, 38.8852



28.9669, 31.3375, 22.5396



26.3444, 31.3375, 43.5297

Complementary

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



34.4153, 31.3375, 38.8852



32.8795, 39.5961, 37.3642

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.



25.4056, 31.3375, 36.5422



34.4153, 31.3375, 38.8852



26.8640, 31.3375, 24.8547

Square

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



34.4153, 31.3375, 38.8852



31.4054, 31.3375, 22.9881



25.5905, 31.3375, 29.7631



28.2220, 31.3375, 48.3693

Rectangle

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



34.4153, 31.3375, 38.8852



34.0251, 31.3375, 27.8129



25.5905, 31.3375, 29.7631



25.9133, 31.3375, 41.3178

Sweetspot

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



34.4162, 31.3389, 38.8859



70.4130, 71.0952, 80.5266



31.3204, 29.5899, 45.6559



15.1646, 15.2440, 17.3375



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.4162, 31.3389, 38.8859



59.0098, 51.7029, 66.2002



32.9551, 30.7544, 31.1916



8.7032, 8.5880, 9.9355



15.0597, 7.5414, 10.7402



0.5017, 0.2484, 0.4847

Inverse Universe

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



34.4162, 31.3389, 38.8859



59.0098, 51.7029, 66.2002



34.4698, 40.2323, 45.7387



8.7032, 8.5880, 9.9355



15.0597, 7.5414, 10.7402



0.5017, 0.2484, 0.4847

Previews

White Background



This preview shows how the XYZ color 34.4153, 31.3375, 38.8852 looks on a white background.

Color Contrast Check

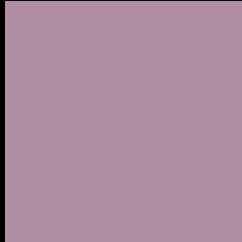
Large Text (above 18pt) WCAG AA × Fail

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 34.4153, 31.3375, 38.8852 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 34.4153, 31.3375, 38.8852

Background



This preview shows how black text looks on a background with the XYZ color 34.4153, 31.3375, 38.8852.



This preview shows how white text looks on a background with the XYZ color 34.4153, 31.3375,

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

34.4153, 31.3375, 38.8852

Protanopia

30.8057, 31.4818, 41.9891

Deuteranopia

32.0118, 31.4698, 38.5695



Tritanopia

33.6434, 31.2416, 35.2674

Trichromacy



Original Color

34.4153, 31.3375, 38.8852

Protanomaly

32.0622, 31.4434, 40.9385

Deuteranomaly

32.7368, 31.3819, 38.5143

Tritanomaly

33.8985, 31.3436, 36.6110

Monochromacy



Original Color

34.4153, 31.3375, 38.8852

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.1822, 32.0678, 36.8413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4153, 31.3375, 38.8852 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(177, 142, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 142, 163)  
}
```

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(177, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 142, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.4153, 31.3375, 38.8852 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(177, 142, 163) }
```


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

```
.border{ border-color:rgb(177, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 142,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4153, 31.3375, 38.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 142, 163) }
```

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

```
.background{ background-color: rgb(177,  
142, 163) }
```

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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