

Converting Colors

XYZ(34.3917, 31.6592, 38.3805)

Have a look what the booklet for
XYZ(34.3917, 31.6592, 38.3805)
contains.

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Color

**XYZ(34.2485, 31.4837,
38.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	B08FA2
RGB	176, 143, 162
RGB Percent	69%, 56%, 64%
CMY	0.3098, 0.4392, 0.3647
CMYK	0.00, 0.19, 0.08, 0.31
HSL	325°, 17%, 63%
HSV	325°, 19%, 69%
XYZ	34.2485, 31.4837, 38.4543
YIQ	155.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

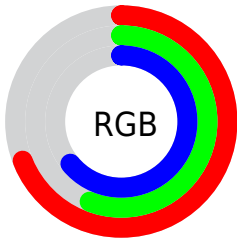
Format	Color
R_{YB}	176, 143, 162
Decimal	11571106
CIE _{Lab}	62.91, 15.65, -5.31
CIE _{LCh}	63, 16.530, 341.255
Yxy	31.4837, 0.3287, 0.3022
Android (android.graphics.Color)	4289761186 (0xFFB08FA2)
YUV	155.0330, 3.4347, 18.3881
Hunter-Lab	56.1103, 10.7593, -1.3562

Details

The XYZ color **34.2485, 31.4837, 38.4543** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9400, 39.3254, 37.7545**, and the grayscale version is **31.1522, 32.7745, 35.6914**.

A 20% lighter version of the original color is **65.7693, 62.0981, 74.1653**, and **14.8972, 13.1654, 16.5079** is the 20% darker color. If you saturate the color by 10%, you get **31.1668, 26.3509, 34.2490**, and if you desaturate by 10%, it is **37.7860, 37.4641, 43.0068**.

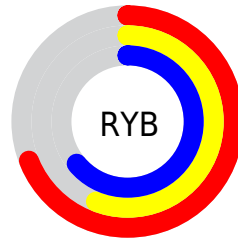
Distribution



Red (69%)

Green (56%)

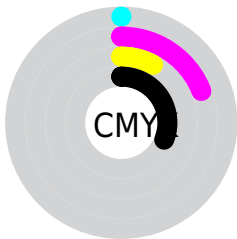
Blue (64%)



Red (69%)

Yellow (56%)

Blue (64%)

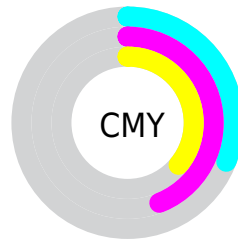


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2485, 31.4837, 38.4543 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 34.2485, 31.4837, 38.4543 by changing the saturation by 10% instead.


 34.2485, 31.4837,
38.4543


 34.2485, 31.4837,
38.4543


312.8051,
308.7606, 354.9212

 23.2484, 20.9674,
26.0309


 65.6616, 62.0008,
74.0151

 14.8987, 13.1002,
16.6208


 86.8054, 82.7705,
97.9895

 8.8342, 7.4976,
9.8054


112.0610,
107.7267, 126.6514

 4.6894, 3.7752,
5.1662

141.7939,
137.2539, 160.4193

 2.0991, 1.5486,
2.2847

176.3694,
171.7365, 199.7116

 0.6887, 0.3226,
0.7226

216.1529,

 0.0000, 0.0000,

211.5589, 244.9471

0.0000

261.5097,
257.1055, 296.5441

■ 34.2485, 31.4837,
38.4543

■ 34.2485, 31.4837,
38.4543

■ 31.1668, 26.3509,
34.2490

■ 37.7860, 37.4641,
43.0068

■ 28.5182, 22.0227,
30.3788

■ 41.7951, 44.3242,
47.9139

■ 26.2821, 18.4586,
26.8339

■ 46.2945, 52.0995,
53.1854

■ 24.4351, 15.6130,
23.6028

■ 51.3008, 60.8225,
58.8299

■ 22.9513, 13.4350,
20.6734

■ 56.8299, 70.5239,
64.8558

■ 21.8013, 11.8676,
18.0320

■ 62.8969, 81.2329,
71.2710

■ 20.9511, 10.8435,
15.6636

■ 65.8370, 85.6191,
76.8569

■ 20.3398, 10.2425,
13.5437

■ 66.8145, 86.0101,
82.0045

■ 20.2696, 10.1762,
13.2920

■ 67.8364, 86.4189,
87.3855

Harmonies

Analogous

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



32.8942, 31.4837, 44.5573



34.2485, 31.4837, 38.4543



34.4102, 31.4837, 31.8993

Triad

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



34.2485, 31.4837, 38.4543



29.0809, 31.4837, 23.4287



26.7630, 31.4837, 43.1967

Complementary

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



34.2485, 31.4837, 38.4543



32.9400, 39.3254, 37.7545

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.



25.8463, 31.4837, 36.7772



34.2485, 31.4837, 38.4543



27.1388, 31.4837, 25.7193

Square

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



34.2485, 31.4837, 38.4543



31.3483, 31.4837, 23.7580



25.9803, 31.4837, 30.4200



28.5441, 31.4837, 47.5251

Rectangle

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



34.2485, 31.4837, 38.4543



33.8108, 31.4837, 28.1980



25.9803, 31.4837, 30.4200



26.3477, 31.4837, 41.1801

Sweetspot

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



34.2494, 31.4851, 38.4550



70.3678, 71.0771, 80.2883



31.5161, 29.9241, 45.1894



15.1538, 15.2397, 17.2807



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.



34.2494, 31.4851, 38.4550



59.9898, 53.5425, 66.8979



32.8969, 30.9441, 31.3329



8.6945, 8.5845, 9.8899



14.9019, 7.4783, 9.9091



0.4973, 0.2467, 0.4615

Inverse Universe

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



34.2494, 31.4851, 38.4550



59.9898, 53.5425, 66.8979



34.4210, 39.9177, 45.5532



8.6945, 8.5845, 9.8899



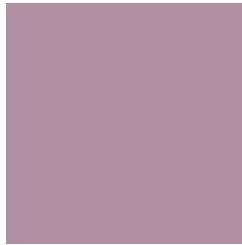
14.9019, 7.4783, 9.9091



0.4973, 0.2467, 0.4615

Previews

White Background



This preview shows how the XYZ color 34.2485, 31.4837, 38.4543 looks on a white background.

Color Contrast Check

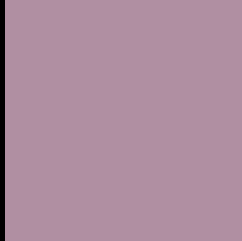
Large Text (above 18pt) WCAG AA × Fail

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 34.2485, 31.4837, 38.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

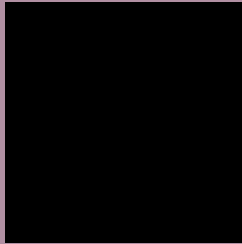
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2485, 31.4837, 38.4543

Background



This preview shows how black text looks on a background with the XYZ color 34.2485, 31.4837, 38.4543.



This preview shows how white text looks on a background with the XYZ color 34.2485, 31.4837,

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

34.2485, 31.4837, 38.4543

Protanopia

30.8042, 31.5025, 41.0163

Deuteranopia

32.1272, 31.5395, 38.1127



Tritanopia

33.5688, 31.4270, 35.3071

Trichromacy



Original Color

34.2485, 31.4837, 38.4543

Protanomaly

31.8786, 31.3700, 39.9721

Deuteranomaly

32.8604, 31.4558, 38.0579

Tritanomaly

33.8240, 31.5291, 36.6508

Monochromacy



Original Color

34.2485, 31.4837, 38.4543

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.3424, 32.3884, 36.8947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2485, 31.4837, 38.4543 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(176, 143, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 143, 162)  
}
```

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(176, 143, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 143, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.2485, 31.4837, 38.4543 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(176, 143, 162) }
```


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

```
.border{ border-color:rgb(176, 143, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 143, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 143, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 143, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 143,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2485, 31.4837, 38.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 143, 162) }
```

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

```
.background{ background-color: rgb(176,  
143, 162) }
```

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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