

Converting Colors

XYZ(34.2837, 31.8401, 38.4166)

Have a look what the booklet for
XYZ(34.2837, 31.8401, 38.4166)
contains.

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Color

**XYZ(34.3262, 31.9734,
38.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	AF91A2
RGB	175, 145, 162
RGB Percent	69%, 57%, 64%
CMY	0.3137, 0.4314, 0.3647
CMYK	0.00, 0.17, 0.07, 0.31
HSL	326°, 16%, 63%
HSV	326°, 17%, 69%
XYZ	34.3262, 31.9734, 38.5447
YIQ	155.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

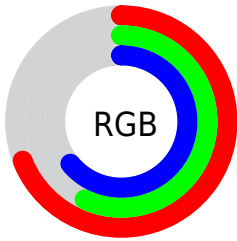
Format	Color
RYB	175, 145, 162
Decimal	11506082
CIELab	63.32, 14.17, -4.72
CIElCh	63, 14.933, 341.571
Yxy	31.9734, 0.3274, 0.3050
Android (android.graphics.Color)	4289696162 (0xFFAF91A2)
YUV	155.9080, 3.0034, 16.7437
Hunter-Lab	56.5450, 9.4063, -0.8343

Details

The XYZ color **34.3262, 31.9734, 38.5447** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1799, 39.1492, 38.1574**, and the grayscale version is **31.5428, 33.1855, 36.1390**.

A 20% lighter version of the original color is **65.9028, 62.8455, 74.3026**, and **14.8432, 13.2688, 16.5307** is the 20% darker color. If you saturate the color by 10%, you get **31.2016, 26.7704, 34.2768**, and if you desaturate by 10%, it is **37.9053, 38.0194, 43.1654**.

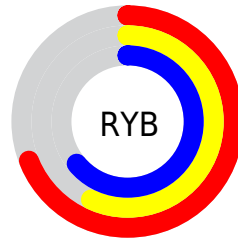
Distribution



Red (69%)

Green (57%)

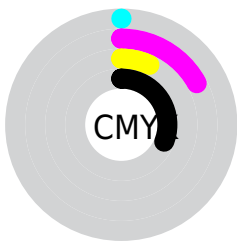
Blue (64%)



Red (69%)

Yellow (57%)

Blue (64%)

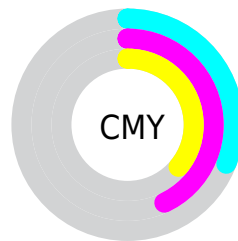


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3262, 31.9734, 38.5447 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 34.3262, 31.9734, 38.5447 by changing the saturation by 10% instead.


 34.3262, 31.9734,
38.5447


 34.3262, 31.9734,
38.5447


313.1445,
310.9981, 355.3188

 23.3084, 21.3412,
26.1006


 65.7815, 62.7694,
74.1549

 14.9433, 13.3736,
16.6725


 86.9498, 83.7019,
98.1581

 8.8657, 7.6863,
9.8418


112.2322,
108.8367, 126.8515

 4.7101, 3.8949,
5.1899

141.9942,
138.5582, 160.6535

 2.1112, 1.6149,
2.2985

176.6010,
173.2506, 199.9826

 0.6953, 0.3676,
0.7304

216.4181,

 0.0000, 0.0000,

213.2985, 245.2576

0.0000

261.8108,
259.0862, 296.8968

■ 34.3262, 31.9734,
38.5447

■ 34.3262, 31.9734,
38.5447

■ 31.2016, 26.7704,
34.2768

■ 37.9053, 38.0194,
43.1654

■ 28.5091, 22.3681,
30.3498

■ 41.9543, 44.9394,
48.1465

■ 26.2287, 18.7273,
26.7537

■ 46.4914, 52.7684,
53.4976

■ 24.3377, 15.8035,
23.4771

■ 51.5329, 61.5380,
59.2276

■ 22.8107, 13.5476,
20.5080

■ 57.0945, 71.2783,
65.3447

■ 21.6196, 11.9044,
17.8329

■ 63.1910, 82.0180,
71.8570

■ 20.7316, 10.8096,
15.4368

■ 65.7168, 85.5450,
77.3991

■ 20.0988, 10.1687,
13.2996

■ 66.7149, 85.9442,
82.6549

■ 19.9392, 10.0180,
12.7270

■ 67.7587, 86.3618,
88.1518

Harmonies

Analogous

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



33.1093, 31.9734, 44.0613



34.3262, 31.9734, 38.5447



34.4601, 31.9734, 32.5760

Triad

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



34.3262, 31.9734, 38.5447



29.5980, 31.9734, 24.7938



27.5070, 31.9734, 42.9422

Complementary

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



34.3262, 31.9734, 38.5447



33.1799, 39.1492, 38.1574

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.



26.6533, 31.9734, 37.1514



34.3262, 31.9734, 38.5447



27.8234, 31.9734, 26.9598

Square

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



34.3262, 31.9734, 38.5447



31.6661, 31.9734, 25.0765



26.7664, 31.9734, 31.3314



29.1482, 31.9734, 46.7922

Rectangle

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



34.3262, 31.9734, 38.5447



33.9102, 31.9734, 29.1778



26.7664, 31.9734, 31.3314



27.1218, 31.9734, 41.1320

Sweetspot

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



34.3271, 31.9748, 38.5454



69.3061, 70.5067, 79.0862



31.9651, 30.6166, 44.7828



15.2974, 15.4892, 17.4445



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.



34.3271, 31.9748, 38.5454



59.0177, 53.1501, 65.7292



33.0722, 31.4729, 31.9372



8.1882, 8.0885, 9.3017



14.3102, 7.1866, 9.2790



0.4249, 0.2106, 0.3992

Inverse Universe

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



34.3271, 31.9748, 38.5454



59.0177, 53.1501, 65.7292



34.5509, 39.6976, 45.3772



8.1882, 8.0885, 9.3017



14.3102, 7.1866, 9.2790



0.4249, 0.2106, 0.3992

Previews

White Background



This preview shows how the XYZ color 34.3262, 31.9734, 38.5447 looks on a white background.

Color Contrast Check

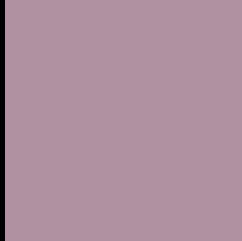
Large Text (above 18pt) WCAG AA × Fail

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 34.3262, 31.9734, 38.5447 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 34.3262, 31.9734, 38.5447

Background



This preview shows how black text looks on a background with the XYZ color 34.3262, 31.9734, 38.5447.



This preview shows how white text looks on a background with the XYZ color 34.3262, 31.9734,

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

34.3262, 31.9734, 38.5447

Protanopia

31.1522, 31.9219, 41.0789

Deuteranopia

32.6975, 32.0674, 38.1845



Tritanopia

33.8202, 31.9908, 36.2906

Trichromacy



Original Color

34.3262, 31.9734, 38.5447

Protanomaly

32.0362, 31.6851, 40.0247

Deuteranomaly

33.3851, 32.1880, 38.1715

Tritanomaly

33.9925, 32.0596, 37.1974

Monochromacy



Original Color

34.3262, 31.9734, 38.5447

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5040, 32.7116, 36.9486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3262, 31.9734, 38.5447 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(175, 145, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 145, 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(175, 145, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 145, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.3262, 31.9734, 38.5447 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(175, 145, 162) }
```


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

```
.border{ border-color:rgb(175, 145, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 145, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 145, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 145, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 145,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3262, 31.9734, 38.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 145, 162) }
```

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

```
.background{ background-color: rgb(175,  
145, 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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