

Converting Colors

XYZ(34.0411, 31.7439, 41.9174)

Have a look what the booklet for
XYZ(34.0411, 31.7439, 41.9174)
contains.

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Color

**XYZ(34.0814, 31.7733,
41.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	AB91A9
RGB	171, 145, 169
RGB Percent	67%, 57%, 66%
CMY	0.3294, 0.4314, 0.3373
CMYK	0.00, 0.15, 0.01, 0.33
HSL	305°, 13%, 62%
HSV	305°, 15%, 67%
XYZ	34.0814, 31.7733, 41.8727
YIQ	155.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

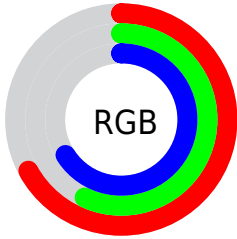
Format	Color
RYB	171, 145, 169
Decimal	11243945
CIELab	63.16, 14.03, -8.97
CIELCh	63, 16.654, 327.423
Yxy	31.7733, 0.3164, 0.2949
Android (android.graphics.Color)	4289434025 (0xFFAB91A9)
YUV	155.5100, 6.6506, 13.5847
Hunter-Lab	56.3678, 9.2819, -4.5860

Details

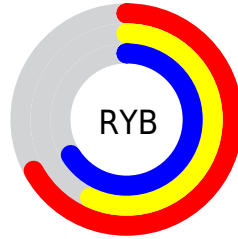
The XYZ color **34.0814, 31.7733, 41.8727** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5076, 37.2530, 33.1354**, and the grayscale version is **31.3515, 32.9843, 35.9199**.

A 20% lighter version of the original color is **65.2420, 62.3974, 79.1263**, and **14.8213, 13.2117, 18.5986** is the 20% darker color. If you saturate the color by 10%, you get **31.5401, 26.8868, 40.4196**, and if you desaturate by 10%, it is **37.0192, 37.4497, 43.4648**.

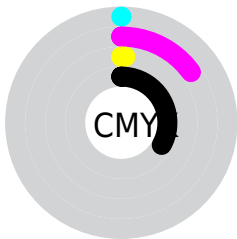
Distribution



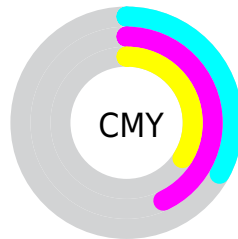
- Red (67%)
- Green (57%)
- Blue (66%)



- Red (67%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0814, 31.7733, 41.8727 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 34.0814, 31.7733, 41.8727 by changing the saturation by 10% instead.


 34.0814, 31.7733,
41.8727

 34.0814, 31.7733,
41.8727


312.0744,
310.0853, 369.7390

 23.1193, 21.1884,
28.6768


 65.4037, 62.4555,
79.2749

 14.8028, 13.2618,
18.5930


 86.4946, 83.3216,
104.3183

 8.7665, 7.6091,
11.2027


111.6925,
108.3836, 134.1480

 4.6451, 3.8458,
6.0875

141.3628,
138.0259, 169.1825

 2.0732, 1.5877,
2.8287

175.8707,
172.6327, 209.8403

 0.6746, 0.3493,
1.0078

215.5818,

 0.0000, 0.0000,

212.5887, 256.5399

0.0000

260.8612,
258.2781, 309.7000

■ 34.0814, 31.7733,
41.8727

■ 34.0814, 31.7733,
41.8727

■ 31.5401, 26.8868,
40.4196

■ 37.0192, 37.4497,
43.4648

■ 29.3748, 22.7509,
39.0977

■ 40.3670, 43.9446,
45.1993

■ 27.5677, 19.3294,
37.9012

■ 44.1412, 51.2904,
47.0822

■ 26.0983, 16.5814,
36.8234

■ 48.3566, 59.5165,
49.1182

■ 24.9441, 14.4617,
35.8567

■ 53.0271, 68.6508,
51.3122

■ 24.0797, 12.9197,
34.9926

■ 58.1661, 78.7201,
53.6686

■ 23.4759, 11.8971,
34.2215

■ 60.6118, 83.4008,
55.1334

■ 23.0965, 11.3212,
33.5311

■ 60.7447, 83.4540,
55.8336

■ 22.9531, 11.1213,
33.2149

■ 60.8790, 83.5077,
56.5405

Harmonies

Analogous

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



32.2824, 31.7733, 47.0990



34.0814, 31.7733, 41.8727



34.8362, 31.7733, 35.1682

Triad

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



34.0814, 31.7733, 41.8727



30.3988, 31.7733, 23.4233



26.4419, 31.7733, 40.7626

Complementary

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



34.0814, 31.7733, 41.8727



31.5076, 37.2530, 33.1354

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.



25.9938, 31.7733, 34.0294



34.0814, 31.7733, 41.8727



28.2083, 31.7733, 24.5277

Square

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



34.0814, 31.7733, 41.8727



32.6437, 31.7733, 24.9832



26.6243, 31.7733, 28.2148



27.8806, 31.7733, 46.4030

Rectangle

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



34.0814, 31.7733, 41.8727



34.6184, 31.7733, 30.9404



26.6243, 31.7733, 28.2148



26.1737, 31.7733, 38.5282

Sweetspot

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



34.0823, 31.7747, 41.8734



66.3630, 67.1943, 77.8763



29.4623, 29.3711, 42.6449



14.7139, 14.8194, 17.3215



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.0823, 31.7747, 41.8734



59.5462, 54.0306, 74.1551



32.9444, 31.3195, 35.8811



8.3101, 8.1373, 9.9437



17.3118, 8.3872, 25.0849



0.4893, 0.2364, 0.7383

Inverse Universe

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



34.0823, 31.7747, 41.8734



59.5462, 54.0306, 74.1551



32.5629, 37.6751, 38.6924



8.3101, 8.1373, 9.9437



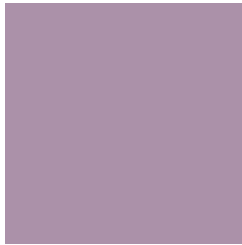
17.3118, 8.3872, 25.0849



0.4893, 0.2364, 0.7383

Previews

White Background



This preview shows how the XYZ color 34.0814, 31.7733, 41.8727 looks on a white background.

Color Contrast Check

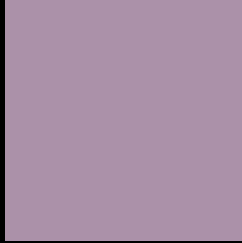
Large Text (above 18pt) WCAG AA × Fail

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 34.0814, 31.7733, 41.8727 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 34.0814, 31.7733, 41.8727

Background



This preview shows how black text looks on a background with the XYZ color 34.0814, 31.7733, 41.8727.



This preview shows how white text looks on a background with the XYZ color 34.0814, 31.7733,

41.8727.

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

34.0814, 31.7733, 41.8727

Protanopia

31.3487, 31.9576, 44.0513

Deuteranopia

32.5133, 31.8991, 41.4893



Tritanopia

32.9675, 31.7711, 36.7426

Trichromacy



Original Color

34.0814, 31.7733, 41.8727

Protanomaly

32.2944, 31.7426, 43.4546

Deuteranomaly

33.1748, 32.0063, 41.4751

Tritanomaly

33.3780, 31.7125, 38.5443

Monochromacy



Original Color

34.0814, 31.7733, 41.8727

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3592, 32.6067, 38.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0814, 31.7733, 41.8727 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(171, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 145, 169)  
}
```

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(171, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 145, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.0814, 31.7733, 41.8727 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(171, 145, 169) }
```


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

```
.border{ border-color:rgb(171, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 145,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0814, 31.7733, 41.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 145, 169) }
```

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

```
.background{ background-color: rgb(171,  
145, 169) }
```

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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