

Converting Colors

XYZ(34.3990, 31.7640, 48.0612)

Have a look what the booklet for
XYZ(34.3990, 31.7640, 48.0612)
contains.

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Color

**XYZ(34.4022, 31.8025,
48.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	A791B5
RGB	167, 145, 181
RGB Percent	65%, 57%, 71%
CMY	0.3451, 0.4314, 0.2902
CMYK	0.08, 0.20, 0.00, 0.29
HSL	277°, 20%, 64%
HSV	277°, 20%, 71%
XYZ	34.4022, 31.8025, 48.0414
YIQ	155.6820, 1.5560, 15.8600

Conversions

Conversions Part 2

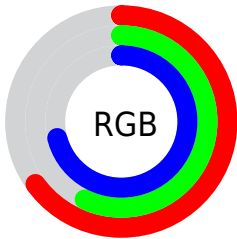
Format	Color
RYB	167, 145, 181
Decimal	10981813
CIELab	63.18, 15.04, -15.74
CIELCh	63, 21.772, 313.693
Yxy	31.8025, 0.3011, 0.2784
Android (android.graphics.Color)	4289171893 (0xFFA791B5)
YUV	155.6820, 12.4818, 9.9259
Hunter-Lab	56.3937, 10.2025, -11.0331

Details

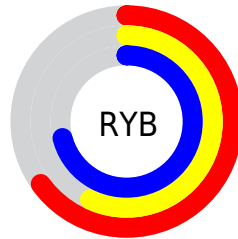
The XYZ color **34.4022, 31.8025, 48.0414** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.9340, 42.4639, 33.0921**, and the grayscale version is **31.4048, 33.0403, 35.9809**.

A 20% lighter version of the original color is **65.8337, 62.4909, 88.7129**, and **14.9692, 13.2088, 22.1827** is the 20% darker color. If you saturate the color by 10%, you get **30.4071, 25.9598, 47.1247**, and if you desaturate by 10%, it is **38.9209, 38.5709, 49.1102**.

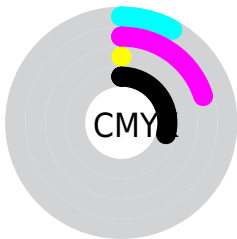
Distribution



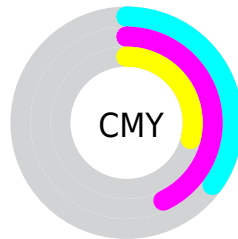
- Red (65%)
- Green (57%)
- Blue (71%)



- Red (65%)
- Yellow (57%)
- Blue (71%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4022, 31.8025, 48.0414 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 34.4022, 31.8025, 48.0414 by changing the saturation by 10% instead.

■ 34.4022, 31.8025,
48.0414

■ 34.4022, 31.8025,
48.0414

313.4762,
310.2186, 395.4696

■ 23.3671, 21.2107,
33.4994

■ 65.8988, 62.5013,
88.6322

■ 14.9870, 13.2781,
22.2351

■ 87.0910, 83.3772,
115.5182

■ 8.8965, 7.6203,
13.8298

112.3996,
108.4498, 147.3559

■ 4.7303, 3.8530,
7.8650

142.1899,
138.1036, 184.5639

■ 2.1230, 1.5917,
3.9221

176.8274,
172.7230, 227.5607

■ 0.7017, 0.3520,
1.5827

216.6774,

■ 0.0000, 0.0000,

212.6923, 276.7650

0.2784

262.1052,
258.3961, 332.5951

■ 0.0000, 0.0000,
0.0000

■ 34.4022, 31.8025,
48.0414

■ 34.4022, 31.8025,
48.0414

■ 30.4071, 25.9598,
47.1247

■ 38.9209, 38.5709,
49.1102

■ 26.9105, 20.9964,
46.3510

■ 43.9808, 46.3005,
50.3354

■ 23.8896, 16.8681,
45.7133

■ 49.6026, 55.0298,
51.7241

■ 21.3185, 13.5249,
45.2035

■ 55.8045, 64.7939,
53.2818

■ 19.1684, 10.9114,
44.8124

■ 62.6044, 75.6264,
55.0143

■ 17.4069, 8.9648,
44.5295

■ 70.0188, 87.5591,
56.9268

■ 15.9958, 7.6111,
44.3426

■ 72.5014, 89.4974,
57.1701

■ 14.8589, 6.6998,
44.2266

■ 74.6296, 90.5945,
57.2697

■ 14.8468, 6.6903,
44.2254

■ 76.8481, 91.7382,
57.3735

Harmonies

Analogous

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



31.6175, 31.8025, 53.3474



34.4022, 31.8025, 48.0414



36.1264, 31.8025, 39.4910

Triad

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



34.4022, 31.8025, 48.0414



31.8810, 31.8025, 21.0361



24.9479, 31.8025, 38.6992

Complementary

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



34.4022, 31.8025, 48.0414



35.9340, 42.4639, 33.0921

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.



25.0081, 31.8025, 30.1807



34.4022, 31.8025, 48.0414



28.8785, 31.8025, 20.8961

Square

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



34.4022, 31.8025, 48.0414



34.6061, 31.8025, 24.3973



26.4047, 31.8025, 23.9765



26.2344, 31.8025, 47.3795

Rectangle

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



34.4022, 31.8025, 48.0414



36.3756, 31.8025, 33.5714



26.4047, 31.8025, 23.9765



24.8141, 31.8025, 35.7055

Sweetspot

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



34.4032, 31.8038, 48.0421



73.0218, 74.1156, 88.7517



32.4858, 34.2914, 48.6233



15.6600, 15.8323, 19.1528



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.4032, 31.8038, 48.0421



58.2713, 52.0355, 85.2672



37.1582, 33.2662, 46.2676



8.5236, 8.4785, 10.6936



10.3143, 4.6530, 30.4915



0.3875, 0.1789, 0.9623

Inverse Universe

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



35.4406, 32.5792, 37.2231



60.5563, 53.7321, 61.9419



33.5950, 41.2255, 34.4548



8.6286, 8.5582, 9.5428



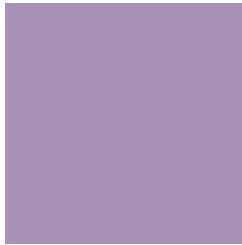
13.9394, 7.0933, 4.8410



0.4677, 0.2348, 0.3055

Previews

White Background



This preview shows how the XYZ color 34.4022, 31.8025, 48.0414 looks on a white background.

Color Contrast Check

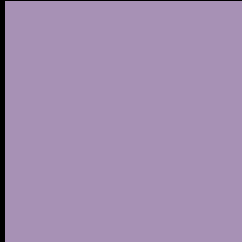
Large Text (above 18pt) WCAG AA × Fail

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 34.4022, 31.8025, 48.0414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

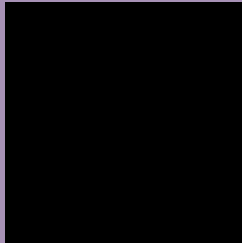
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4022, 31.8025, 48.0414

Background



This preview shows how black text looks on a background with the XYZ color 34.4022, 31.8025, 48.0414.



This preview shows how white text looks on a background with the XYZ color 34.4022, 31.8025,

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

34.4022, 31.8025, 48.0414

Protanopia

31.8393, 32.0702, 50.4110

Deuteranopia

32.5032, 31.7587, 47.5970



Tritanopia

32.4025, 31.9255, 37.7121

Trichromacy



Original Color

34.4022, 31.8025, 48.0414

Protanomaly

32.7256, 31.8256, 49.7655

Deuteranomaly

33.1262, 31.8460, 47.5810

Tritanomaly

33.1748, 32.0063, 41.4751

Monochromacy



Original Color

34.4022, 31.8025, 48.0414

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5170, 32.6467, 40.1849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4022, 31.8025, 48.0414 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(167, 145, 181)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 181)  
}
```

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(167, 145, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.4022, 31.8025, 48.0414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

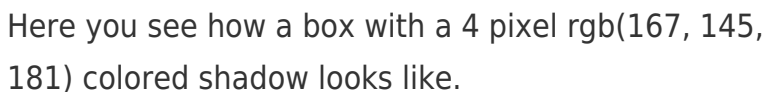
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 145, 181) }
```


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

```
.border{ border-color:rgb(167, 145, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 145, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 145, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 145, 181); box-shadow:4px 4px 4px 4px rgb(167, 145, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4022, 31.8025, 48.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 181) }
```

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

```
.background{ background-color: rgb(167,  
145, 181) }
```

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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