

Converting Colors

XYZ(34.5131, 34.0788, 42.4075)

Have a look what the booklet for
XYZ(34.5131, 34.0788, 42.4075)
contains.

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Color

**XYZ(34.4429, 34.0828,
42.2994)**

Conversions

Conversions Part 1

Format	Color
Hex	A69AA9
RGB	166, 154, 169
RGB Percent	65%, 60%, 66%
CMY	0.3490, 0.3961, 0.3373
CMYK	0.02, 0.09, 0.00, 0.34
HSL	288°, 8%, 63%
HSV	288°, 9%, 66%
XYZ	34.4429, 34.0828, 42.2994
YIQ	159.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

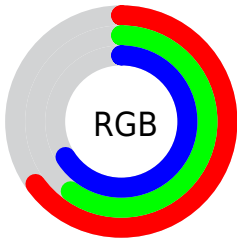
Format	Color
RYB	166, 154, 169
Decimal	10918569
CIELab	65.03, 7.21, -6.23
CIElCh	65, 9.529, 319.176
Yxy	34.0828, 0.3108, 0.3075
Android (android.graphics.Color)	4289108649 (0xFFA69AA9)
YUV	159.2980, 4.7831, 5.8777
Hunter-Lab	58.3805, 3.1443, -2.0921

Details

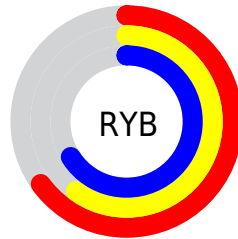
The XYZ color **34.4429, 34.0828, 42.2994** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9267, 37.8781, 36.0967**, and the grayscale version is **33.0699, 34.7921, 37.8886**.

A 20% lighter version of the original color is **65.8292, 65.8657, 79.7648**, and **15.0006, 14.5623, 18.8498** is the 20% darker color. If you saturate the color by 10%, you get **31.1486, 28.5320, 41.4021**, and if you desaturate by 10%, it is **38.1506, 40.4316, 43.3299**.

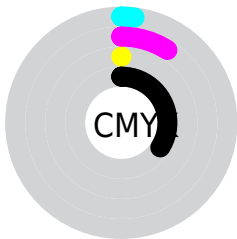
Distribution



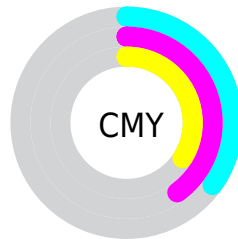
- Red (65%)
- Green (60%)
- Blue (66%)



- Red (65%)
- Yellow (60%)
- Blue (66%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4429, 34.0828, 42.2994 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 34.4429, 34.0828, 42.2994 by changing the saturation by 10% instead.

■ 34.4429, 34.0828,
42.2994

■ 34.4429, 34.0828,
42.2994

313.6537,
320.5011, 371.5588

■ 23.3986, 22.9572,
29.0085

■ 65.9616, 66.0624,
79.9275

■ 15.0104, 14.5619,
18.8416

■ 87.1666, 87.6852,
105.1018

■ 8.9130, 8.5125,
11.3802

112.4892,
113.5759, 135.0743

■ 4.7412, 4.4246,
6.2058

142.2948,
144.1188, 170.2636

■ 2.1294, 1.9138,
2.8998

176.9486,
179.6984, 211.0881

■ 0.7051, 0.5567,
1.0437

216.8162,

■ 0.0000, 0.0000,

220.6991, 257.9664

0.0000

262.2628,
267.5052, 311.3172

■ 34.4429, 34.0828,
42.2994

■ 34.4429, 34.0828,
42.2994

■ 31.1486, 28.5320,
41.4021

■ 38.1506, 40.4316,
43.3299

■ 28.2482, 23.7421,
40.6305

■ 42.2841, 47.6047,
44.4966

■ 25.7250, 19.6795,
39.9793

■ 46.8591, 55.6328,
45.8051

■ 23.5602, 16.3065,
39.4423

■ 51.8896, 64.5436,
47.2599

■ 21.7329, 13.5818,
39.0127

■ 57.3890, 74.3635,
48.8655

■ 20.2204, 11.4599,
38.6829

■ 63.2406, 84.8595,
50.5830

■ 18.9965, 9.8890,
38.4442

■ 64.0734, 85.2888,
50.6220

■ 18.0310, 8.8088,
38.2865

■ 64.9258, 85.7282,
50.6619

■ 17.2665, 8.1046,
38.1909

■ 65.7979, 86.1778,
50.7027

Harmonies

Analogous

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



33.2735, 34.0828, 44.7549



34.4429, 34.0828, 42.2994



35.0695, 34.0828, 38.5547

Triad

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



34.4429, 34.0828, 42.2994



32.8952, 34.0828, 30.1401



29.9542, 34.0828, 39.6611

Complementary

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



34.4429, 34.0828, 42.2994



33.9267, 37.8781, 36.0967

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.



29.8595, 34.0828, 35.7025



34.4429, 34.0828, 42.2994



31.5315, 34.0828, 30.3900

Square

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



34.4429, 34.0828, 42.2994



34.1592, 34.0828, 31.6554



30.4293, 34.0828, 32.3641



30.6920, 34.0828, 43.1586

Rectangle

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



34.4429, 34.0828, 42.2994



35.0834, 34.0828, 35.9125



30.4293, 34.0828, 32.3641



29.8469, 34.0828, 38.3346

Sweetspot

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



34.4439, 34.0843, 42.3001



65.4585, 67.4815, 76.8003



32.5886, 33.9348, 42.3691



14.1527, 14.5120, 16.7073



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.4439, 34.0843, 42.3001



60.2507, 58.6075, 75.3619



34.6876, 34.2553, 40.2627



7.6927, 7.5897, 9.4779



12.8513, 6.0085, 28.4579



0.3490, 0.1649, 0.6941

Inverse Universe

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



34.0048, 33.9821, 36.6671



59.2842, 58.3865, 62.7903



33.7087, 37.7241, 37.9670



7.5902, 7.5659, 8.1592



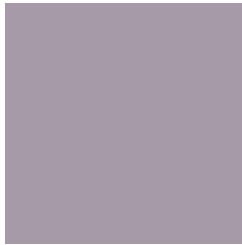
12.4238, 6.3782, 1.7771



0.3191, 0.1619, 0.1316

Previews

White Background



This preview shows how the XYZ color 34.4429, 34.0828, 42.2994 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 34.4429, 34.0828, 42.2994 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 34.4429, 34.0828, 42.2994

Background



This preview shows how black text looks on a background with the XYZ color 34.4429, 34.0828, 42.2994.



This preview shows how white text looks on a background with the XYZ color 34.4429, 34.0828,

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

34.4429, 34.0828, 42.2994

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

34.2565, 34.0082, 41.3179

Trichromacy



Original Color

34.4429, 34.0828, 42.2994

Protanomaly

33.6414, 34.1528, 42.8493

Deuteranomaly

34.4890, 33.8625, 42.2545

Tritanomaly

34.3494, 34.0453, 41.8068

Monochromacy



Original Color

34.4429, 34.0828, 42.2994

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5681, 34.4397, 39.5286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4429, 34.0828, 42.2994 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(166, 154, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 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(166, 154, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.4429, 34.0828, 42.2994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

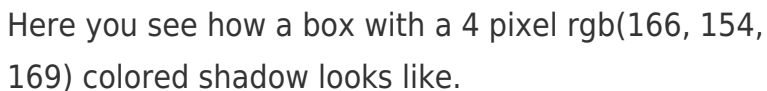
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 154, 169) }
```


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

```
.border{ border-color:rgb(166, 154, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 154, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4429, 34.0828, 42.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 169) }
```

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

```
.background{ background-color: rgb(166,  
154, 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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