

Converting Colors

XYZ(34.9575, 42.8532, 34.2823)

Have a look what the booklet for
XYZ(34.9575, 42.8532, 34.2823)
contains.

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Color

**XYZ(35.0635, 42.9031,
34.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	96B894
RGB	150, 184, 148
RGB Percent	59%, 72%, 58%
CMY	0.4118, 0.2784, 0.4196
CMYK	0.18, 0.00, 0.20, 0.28
HSL	117°, 20%, 65%
HSV	117°, 20%, 72%
XYZ	35.0635, 42.9031, 34.4501
YIQ	169.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

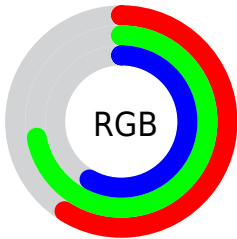
Format	Color
RYB	148, 184, 182
Decimal	9877652
CIELab	71.49, -18.51, 14.56
CIELCh	71, 23.550, 141.809
Yxy	42.9031, 0.3119, 0.3816
Android (android.graphics.Color)	4288067732 (0xFF96B894)
YUV	169.7300, -10.7129, -17.3032
Hunter-Lab	65.5005, -19.0717, 14.6666

Details

The XYZ color **35.0635, 42.9031, 34.4501** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.5347, 34.5868, 49.9945**, and the grayscale version is **38.1297, 40.1155, 43.6857**.

A 20% lighter version of the original color is **66.9976, 79.5636, 67.7033**, and **15.4196, 19.7483, 14.3084** is the 20% darker color. If you saturate the color by 10%, you get **30.7573, 40.8395, 27.2408**, and if you desaturate by 10%, it is **40.0779, 45.3075, 42.9030**.

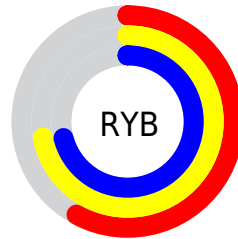
Distribution



Red (59%)

Green (72%)

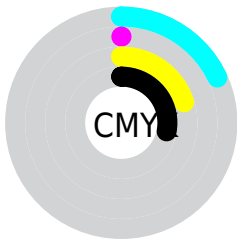
Blue (58%)



Red (58%)

Yellow (72%)

Blue (71%)

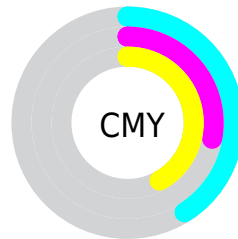


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (28%)



Cyan (41%)

Magenta (28%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0635, 42.9031, 34.4501 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 35.0635, 42.9031, 34.4501 by changing the saturation by 10% instead.

■ 35.0635, 42.9031,
34.4501

■ 35.0635, 42.9031,
34.4501

316.3516,
358.2131, 336.9646

■ 23.8785, 29.8091,
22.9594

■ 66.9175, 79.5646,
67.7749

■ 15.3678, 19.6937,
14.3585

■ 88.3173, 103.9009,
90.4461

■ 9.1659, 12.1726,
8.2289

113.8526,
132.7534, 117.6812

■ 4.9075, 6.8613,
4.1519

143.8890,
166.5066, 149.8988

■ 2.2273, 3.3755,
1.7090

178.7918,
205.5447, 187.5174

■ 0.7571, 1.3308,
0.3669

218.9262,

■ 0.0000, 0.1649,

250.2522, 230.9555

0.0000

264.6577,
301.0136, 280.6318

■ 0.0000, 0.0000,
0.0000

■ 35.0635, 42.9031,
34.4501

■ 35.0635, 42.9031,
34.4501

■ 30.7573, 40.8395,
27.2408

■ 40.0779, 45.3075,
42.9030

■ 27.1241, 39.0962,
21.2137

■ 45.8267, 48.0613,
52.6511

■ 24.1308, 37.6586,
16.3067

■ 52.3391, 51.1797,
63.7468

■ 21.7405, 36.5092,
12.4506

■ 59.6416, 54.6753,
76.2387

■ 19.9120, 35.6285,
9.5689

■ 67.7595, 58.5603,
90.1728

■ 18.5994, 34.9946,
7.5744

■ 76.1639, 62.6247,
102.6813

■ 17.7491, 34.5822,
6.3646

■ 76.4313, 62.7626,
102.6938

■ 17.2833, 34.3553,
5.7432

■ 17.2692, 34.3486,
5.7198

Harmonies

Analogous

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



38.0052, 42.9031, 29.2027



35.0635, 42.9031, 34.4501



33.6741, 42.9031, 43.6657

Triad

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



35.0635, 42.9031, 34.4501



39.6993, 42.9031, 71.8897



48.2903, 42.9031, 39.0479

Complementary

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



35.0635, 42.9031, 34.4501



38.5347, 34.5868, 49.9945

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.



48.8170, 42.9031, 49.9013



35.0635, 42.9031, 34.4501



43.6827, 42.9031, 70.1147

Square

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



35.0635, 42.9031, 34.4501



36.2346, 42.9031, 66.1071



47.0822, 42.9031, 61.5900



45.6864, 42.9031, 31.5415

Rectangle

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



35.0635, 42.9031, 34.4501



33.7478, 42.9031, 51.3364



47.0822, 42.9031, 61.5900



48.7226, 42.9031, 42.3780

Sweetspot

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



35.0646, 42.9049, 34.4510



76.1066, 83.7849, 83.6227



41.7604, 45.6228, 34.6227



16.2659, 17.9947, 17.7882



88.6918, 93.3107, 101.6153



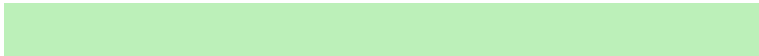
17.8044, 18.7317, 20.3988

Same Dimension

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



35.0646, 42.9049, 34.4510



60.4316, 76.2729, 57.1978



36.0193, 43.2447, 41.3827



8.9353, 10.0833, 9.5822



11.9212, 23.6819, 3.9428



0.4359, 0.8429, 0.1397

Inverse Universe

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



38.5347, 34.5868, 49.9945



67.7468, 58.7336, 89.9707



37.4638, 34.2134, 41.8722



9.3303, 9.1367, 11.3512



17.9793, 8.5799, 31.9615



0.6489, 0.3102, 1.1274

Previews

White Background



This preview shows how the XYZ color 35.0635, 42.9031, 34.4501 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 35.0635, 42.9031, 34.4501 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

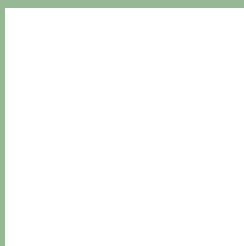
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0635, 42.9031, 34.4501

Background



This preview shows how black text looks on a background with the XYZ color 35.0635, 42.9031, 34.4501.



This preview shows how white text looks on a background with the XYZ color 35.0635, 42.9031, 34.4501.

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

35.0635, 42.9031, 34.4501

Protanopia

40.1016, 42.5696, 32.0898

Deuteranopia

43.4080, 42.5190, 35.1973



Tritanopia

39.3395, 42.8147, 56.0598

Trichromacy



Original Color

35.0635, 42.9031, 34.4501

Protanomaly

38.0445, 42.6558, 33.0163

Deuteranomaly

39.9325, 42.4192, 34.9372

Tritanomaly

37.4842, 42.6471, 47.3304

Monochromacy



Original Color

35.0635, 42.9031, 34.4501

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9558, 41.0551, 40.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0635, 42.9031, 34.4501 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(150, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 184, 148)  
}
```

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(150, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 184, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.0635, 42.9031, 34.4501 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(150, 184, 148) }
```


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

```
.border{ border-color:rgb(150, 184, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 184, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 184, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 184, 148); box-shadow:4px 4px 4px 4px rgb(150, 184, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0635, 42.9031, 34.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 184, 148) }
```

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

```
.background{ background-color: rgb(150,  
184, 148) }
```

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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