

Converting Colors

XYZ(34.4340, 37.9096, 41.9214)

Have a look what the booklet for
XYZ(34.4340, 37.9096, 41.9214)
contains.

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Color

**XYZ(34.4894, 38.0360,
42.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA9A7
RGB	154, 169, 167
RGB Percent	60%, 66%, 65%
CMY	0.3961, 0.3372, 0.3451
CMYK	0.09, 0.00, 0.01, 0.34
HSL	172°, 8%, 63%
HSV	172°, 9%, 66%
XYZ	34.4894, 38.0360, 42.0831
YIQ	164.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

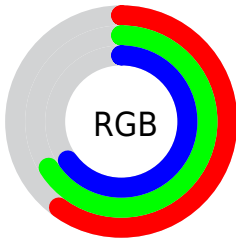
Format	Color
RYB	154, 162, 169
Decimal	10135975
CIELab	68.05, -5.64, -0.78
CIELCh	68, 5.694, 187.826
Yxy	38.0360, 0.3009, 0.3319
Android (android.graphics.Color)	4288326055 (0xFF9AA9A7)
YUV	164.2870, 1.3375, -9.0217
Hunter-Lab	61.6733, -8.1063, 2.7145

Details

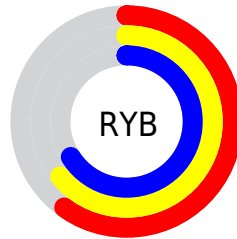
The XYZ color **34.4894, 38.0360, 42.0831** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9199, 33.9474, 36.2189**, and the grayscale version is **35.4208, 37.2654, 40.5821**.

A 20% lighter version of the original color is **65.8529, 71.9951, 79.5329**, and **15.0493, 16.8439, 18.6777** is the 20% darker color. If you saturate the color by 10%, you get **31.2901, 36.4116, 40.8548**, and if you desaturate by 10%, it is **38.1474, 39.8985, 43.3535**.

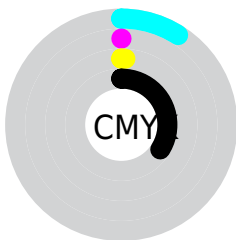
Distribution



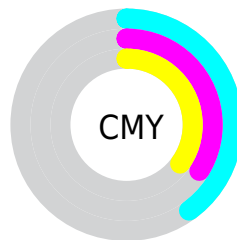
- Red (60%)
- Green (66%)
- Blue (65%)



- Red (60%)
- Yellow (64%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4894, 38.0360, 42.0831 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 34.4894, 38.0360, 42.0831 by changing the saturation by 10% instead.

■ 34.4894, 38.0360,
42.0831

■ 34.4894, 38.0360,
42.0831

313.8564,
337.7744, 370.6371

■ 23.4345, 26.0106,
28.8403

■ 66.0333, 72.1633,
79.5968

■ 15.0371, 16.8316,
18.7155

■ 87.2529, 95.0340,
104.7048

■ 8.9319, 10.1145,
11.2902

112.5915,
122.2887, 134.6050

■ 4.7536, 5.4749,
6.1457

142.4145,
154.3116, 169.7159

■ 2.1367, 2.5285,
2.8637

177.0871,
191.4873, 210.4560

■ 0.7090, 0.8909,
1.0255

216.9747,

■ 0.0000, 0.0000,

234.2000, 257.2439

0.0000

262.4427,
282.8343, 310.4981

■ 34.4894, 38.0360,
42.0831

■ 34.4894, 38.0360,
42.0831

■ 31.2901, 36.4116,
40.8548

■ 38.1474, 39.8985,
43.3535

■ 28.5274, 35.0109,
39.6650

■ 42.2787, 42.0035,
44.6643

■ 26.1822, 33.8250,
38.5136

■ 46.9010, 44.3612,
46.0173

■ 24.2329, 32.8427,
37.3994

■ 52.0303, 46.9799,
47.4133

■ 22.6556, 32.0518,
36.3212

■ 57.6819, 49.8674,
48.8531

■ 21.4241, 31.4388,
35.2777

■ 63.7218, 52.9547,
50.3305

■ 20.5086, 30.9882,
34.2674

■ 63.9545, 53.0477,
51.5558

■ 19.8744, 30.6822,
33.2887

■ 64.1909, 53.1423,
52.8008

■ 19.4551, 30.4867,
32.3381

■ 64.4312, 53.2384,
54.0658

Harmonies

Analogous

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



34.5963, 38.0360, 39.5993



34.4894, 38.0360, 42.0831



34.8222, 38.0360, 44.4816

Triad

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



34.4894, 38.0360, 42.0831



37.2076, 38.0360, 45.3920



36.7993, 38.0360, 37.0562

Complementary

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



34.4894, 38.0360, 42.0831



33.9199, 33.9474, 36.2189

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.



37.5154, 38.0360, 38.4922



34.4894, 38.0360, 42.0831



37.7538, 38.0360, 43.2848

Square

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



34.4894, 38.0360, 42.0831



36.3847, 38.0360, 46.4422



37.8673, 38.0360, 40.7535



35.9204, 38.0360, 36.7639

Rectangle

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



34.4894, 38.0360, 42.0831



35.2519, 38.0360, 45.6862



37.8673, 38.0360, 40.7535



37.0674, 38.0360, 37.4182

Sweetspot

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



34.4905, 38.0376, 42.0839



65.4797, 70.0082, 76.6812



33.7805, 37.8036, 36.0887



14.1588, 15.2013, 16.6741



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.



34.4905, 38.0376, 42.0839



60.3663, 67.4074, 74.8491



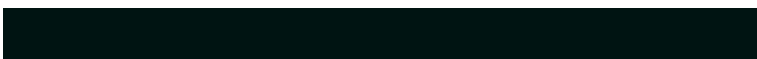
33.7197, 36.1974, 42.7477



7.7038, 8.5146, 9.4265



14.4808, 22.7111, 24.0965



0.3638, 0.5572, 0.6469

Inverse Universe

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



33.9199, 33.9474, 36.2189



59.0975, 58.3118, 61.8072



34.6374, 35.6516, 35.6281



7.5704, 7.5580, 8.0548



12.3187, 6.3362, 1.2237



0.3116, 0.1589, 0.0925

Previews

White Background



This preview shows how the XYZ color 34.4894, 38.0360, 42.0831 looks on a white background.

Color Contrast Check

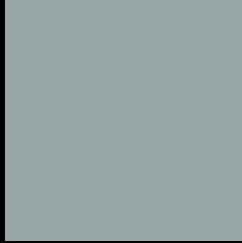
Large Text (above 18pt) WCAG AA × Fail

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 34.4894, 38.0360, 42.0831 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

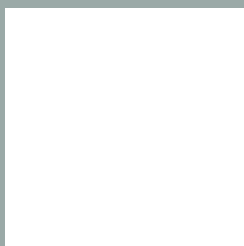
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4894, 38.0360, 42.0831

Background



This preview shows how black text looks on a background with the XYZ color 34.4894, 38.0360, 42.0831.

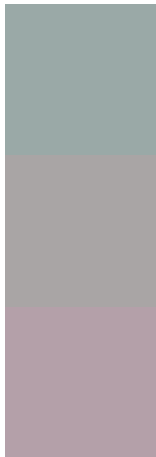


This preview shows how white text looks on a background with the XYZ color 34.4894, 38.0360,

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

34.4894, 38.0360, 42.0831

Protanopia

36.6089, 38.0619, 41.0145

Deuteranopia

38.5546, 37.7095, 42.7827



Tritanopia

35.7672, 38.0006, 48.6297

Trichromacy



Original Color

34.4894, 38.0360, 42.0831

Protanomaly

35.8290, 37.9181, 41.5069

Deuteranomaly

36.9597, 37.6795, 42.3707

Tritanomaly

35.2581, 38.0690, 46.0472

Monochromacy



Original Color

34.4894, 38.0360, 42.0831

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9250, 37.4626, 40.9876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4894, 38.0360, 42.0831 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(154, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 169, 167)  
}
```

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(154, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 169, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.4894, 38.0360, 42.0831 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(154, 169, 167) }
```


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

```
.border{ border-color:rgb(154, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 169,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4894, 38.0360, 42.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 169, 167) }
```

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

```
.background{ background-color: rgb(154,  
169, 167) }
```

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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