

Converting Colors

XYZ(36.0571, 42.3322, 40.6258)

Have a look what the booklet for
XYZ(36.0571, 42.3322, 40.6258)
contains.

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Color

**XYZ(35.9944, 42.3318,
40.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	98B5A2
RGB	152, 181, 162
RGB Percent	60%, 71%, 64%
CMY	0.4039, 0.2902, 0.3647
CMYK	0.16, 0.00, 0.10, 0.29
HSL	141°, 16%, 65%
HSV	141°, 16%, 71%
XYZ	35.9944, 42.3318, 40.4562
YIQ	170.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

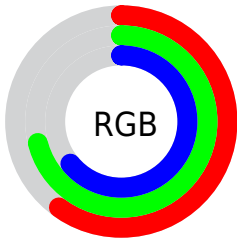
Format	Color
RYB	152, 174, 181
Decimal	10007970
CIELab	71.10, -13.68, 6.39
CIELCh	71, 15.100, 154.971
Yxy	42.3318, 0.3030, 0.3564
Android (android.graphics.Color)	4288198050 (0xFF98B5A2)
YUV	170.1630, -4.0244, -15.9290
Hunter-Lab	65.0629, -15.1095, 8.6774

Details

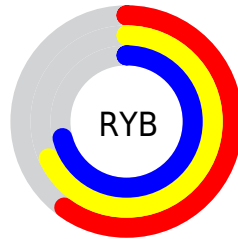
The XYZ color **35.9944, 42.3318, 40.4562** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6365, 35.2216, 43.3449**, and the grayscale version is **38.3142, 40.3095, 43.8970**.

A 20% lighter version of the original color is **68.5407, 78.8435, 77.2515**, and **15.9005, 19.3308, 17.6450** is the 20% darker color. If you saturate the color by 10%, you get **31.8569, 40.3162, 35.0169**, and if you desaturate by 10%, it is **40.7507, 44.6573, 46.4453**.

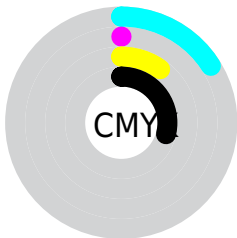
Distribution



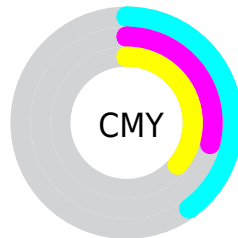
- Red (60%)
- Green (71%)
- Blue (64%)



- Red (60%)
- Yellow (68%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9944, 42.3318, 40.4562 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 35.9944, 42.3318, 40.4562 by changing the saturation by 10% instead.

■ 35.9944, 42.3318,
40.4562

■ 35.9944, 42.3318,
40.4562

320.3677,
355.8565, 363.6518

■ 24.6000, 29.3612,
27.5779

■ 68.3473, 78.7015,
77.1024

■ 15.9064, 19.3542,
17.7715

■ 90.0366, 102.8695,
101.7073

■ 9.5484, 11.9265,
10.6183

115.8881,
131.5386, 131.0583

■ 5.1605, 6.6937,
5.6999

146.2673,
165.0934, 165.5738

■ 2.3775, 3.2713,
2.5976

181.5395,
203.9182, 205.6723

■ 0.8339, 1.2749,
0.8912

222.0701,

■ 0.0000, 0.1217,

248.3973, 251.7725

0.0000

268.2244,
298.9153, 304.2928

■ 0.0000, 0.0000,
0.0000

■ 35.9944, 42.3318,
40.4562

■ 35.9944, 42.3318,
40.4562

■ 31.8569, 40.3162,
35.0169

■ 40.7507, 44.6573,
46.4453

■ 28.3086, 38.5919,
30.1091

■ 46.1468, 47.2997,
52.9962

■ 25.3227, 37.1467,
25.7175

■ 52.2070, 50.2724,
60.1242

■ 22.8687, 35.9652,
21.8250

■ 58.9533, 53.5864,
67.8431

■ 20.9134, 35.0307,
18.4137

■ 66.4067, 57.2522,
76.1661

■ 19.4194, 34.3243,
15.4642

■ 72.4952, 60.2016,
85.0083

■ 18.3437, 33.8241,
12.9563

■ 74.2488, 60.9030,
94.2423

■ 17.6317, 33.5026,
10.8674

■ 75.8147, 61.5294,
102.4882

■ 17.4055, 33.4017,
10.1464

Harmonies

Analogous

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



37.5161, 42.3318, 35.6113



35.9944, 42.3318, 40.4562



35.5896, 42.3318, 47.3075

Triad

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



35.9944, 42.3318, 40.4562



40.6573, 42.3318, 61.3782



44.3461, 42.3318, 38.5732

Complementary

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



35.9944, 42.3318, 40.4562



37.6365, 35.2216, 43.3449

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.



45.2682, 42.3318, 44.8978



35.9944, 42.3318, 40.4562



43.0824, 42.3318, 58.4506

Square

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



35.9944, 42.3318, 40.4562



38.2158, 42.3318, 59.8735



44.7965, 42.3318, 52.2286



42.3243, 42.3318, 34.6065

Rectangle

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



35.9944, 42.3318, 40.4562



35.9925, 42.3318, 52.2147



44.7965, 42.3318, 52.2286



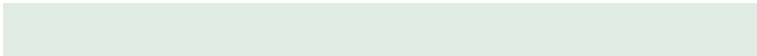
44.7987, 42.3318, 40.4680

Sweetspot

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



35.9956, 42.3336, 40.4571



73.8386, 80.3965, 84.2375



39.0603, 44.0122, 36.1429



15.8225, 17.3097, 18.0382



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.



35.9956, 42.3336, 40.4571



61.9028, 74.5652, 69.1378



37.3272, 42.8662, 47.4693



8.5059, 9.5369, 9.6578



12.0282, 23.0372, 7.1513



0.4066, 0.7361, 0.3731

Inverse Universe

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



37.6365, 35.2216, 43.3449



65.3647, 59.5590, 75.2283



36.3572, 34.7099, 36.6080



8.7231, 8.5959, 10.0400



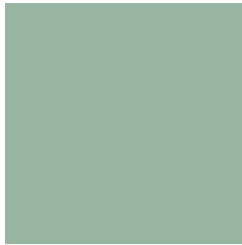
15.4490, 7.6972, 12.7905



0.5122, 0.2526, 0.5402

Previews

White Background



This preview shows how the XYZ color 35.9944, 42.3318, 40.4562 looks on a white background.

Color Contrast Check

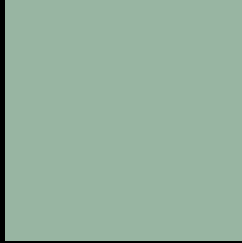
Large Text (above 18pt) WCAG AA × Fail

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 35.9944, 42.3318, 40.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

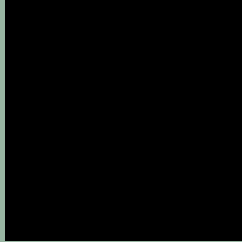
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9944, 42.3318, 40.4562

Background



This preview shows how black text looks on a background with the XYZ color 35.9944, 42.3318, 40.4562.



This preview shows how white text looks on a background with the XYZ color 35.9944, 42.3318,

40.4562.

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

35.9944, 42.3318, 40.4562

Protanopia

39.9375, 42.0591, 38.3610

Deuteranopia

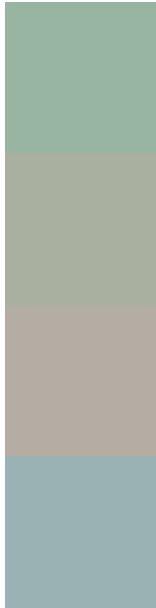
43.0423, 42.1912, 41.4725



Tritanopia

39.0307, 42.3740, 55.4121

Trichromacy



Original Color

35.9944, 42.3318, 40.4562

Protanomaly

38.3609, 42.0999, 38.9051

Deuteranomaly

40.2348, 42.1512, 41.1373

Tritanomaly

37.6762, 42.1046, 49.3213

Monochromacy



Original Color

35.9944, 42.3318, 40.4562

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.2154, 40.8487, 42.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9944, 42.3318, 40.4562 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(152, 181, 162)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 162)  
}
```

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(152, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.9944, 42.3318, 40.4562 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(152, 181, 162) }
```


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

```
.border{ border-color:rgb(152, 181, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 181, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(152, 181,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9944, 42.3318, 40.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 181, 162) }
```

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

```
.background{ background-color: rgb(152,  
181, 162) }
```

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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