

Converting Colors

XYZ(35.4362, 43.3866, 35.3744)

Have a look what the booklet for
XYZ(35.4362, 43.3866, 35.3744)
contains.

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Color

**XYZ(35.4317, 43.3840,
35.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	96B996
RGB	150, 185, 150
RGB Percent	59%, 73%, 59%
CMY	0.4118, 0.2745, 0.4118
CMYK	0.19, 0.00, 0.19, 0.27
HSL	120°, 20%, 66%
HSV	120°, 19%, 73%
XYZ	35.4317, 43.3840, 35.3607
YIQ	170.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

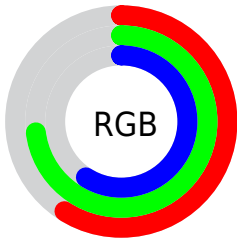
Format	Color
RYB	150, 185, 185
Decimal	9877910
CIELab	71.81, -18.66, 13.93
CIELCh	72, 23.289, 143.258
Yxy	43.3840, 0.3103, 0.3800
Android (android.graphics.Color)	4288067990 (0xFF96B996)
YUV	170.5450, -10.1287, -18.0180
Hunter-Lab	65.8665, -19.2456, 14.2765

Details

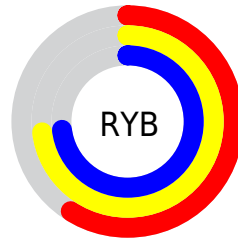
The XYZ color **35.4317, 43.3840, 35.3607** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.6724, 35.6308, 50.6874**, and the grayscale version is **38.5342, 40.5409, 44.1491**.

A 20% lighter version of the original color is **67.5312, 80.2494, 69.0571**, and **15.6490, 20.0560, 14.8508** is the 20% darker color. If you saturate the color by 10%, you get **30.9185, 41.2173, 27.9775**, and if you desaturate by 10%, it is **40.7200, 45.9255, 44.0097**.

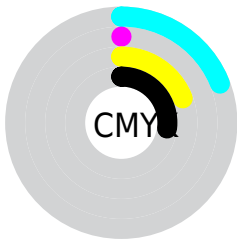
Distribution



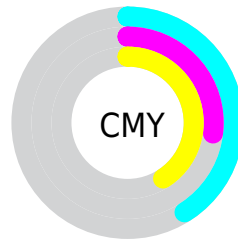
- Red (59%)
- Green (73%)
- Blue (59%)



- Red (59%)
- Yellow (73%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4317, 43.3840, 35.3607 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 35.4317, 43.3840, 35.3607 by changing the saturation by 10% instead.

■ 35.4317, 43.3840,
35.3607

■ 35.4317, 43.3840,
35.3607

317.9445,
360.1886, 341.1101

■ 24.1637, 30.1865,
23.6551

■ 67.4836, 80.2900,
69.2021

■ 15.5805, 19.9802,
14.8681

■ 88.9982, 104.7673,
92.1749

■ 9.3167, 12.3807,
8.5813

114.6591,
133.7734, 119.7406

■ 5.0071, 7.0035,
4.3760

144.8316,
167.6926, 152.3176

■ 2.2862, 3.4643,
1.8338

179.8810,
206.9093, 190.3245

■ 0.7876, 1.3787,
0.4501

220.1727,

■ 0.0000, 0.2009,

251.8080, 234.1799

0.0000

266.0721,
302.7729, 284.3022

■ 0.0000, 0.0000,
0.0000

■ 35.4317, 43.3840,
35.3607

■ 35.4317, 43.3840,
35.3607

■ 30.9185, 41.2173,
27.9775

■ 40.7200, 45.9255,
44.0097

■ 27.1406, 39.4027,
21.7982

■ 46.8137, 48.8526,
53.9769

■ 24.0603, 37.9230,
16.7598

■ 53.7456, 52.1824,
65.3154

■ 21.6348, 36.7579,
12.7924

■ 61.5460, 55.9293,
78.0742

■ 19.8168, 35.8847,
9.8187

■ 70.2433, 60.1071,
92.3001

■ 18.5527, 35.2774,
7.7509

■ 76.6398, 63.1796,
102.7633

■ 17.7793, 34.9060,
6.4859

■ 17.3858, 34.7169,
5.8422

■ 17.3498, 34.6997,
5.7834

Harmonies

Analogous

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



38.3021, 43.3840, 29.9076



35.4317, 43.3840, 35.3607



34.1289, 43.3840, 44.7245

Triad

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



35.4317, 43.3840, 35.3607



40.3480, 43.3840, 72.3608



48.6308, 43.3840, 39.1425

Complementary

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



35.4317, 43.3840, 35.3607



39.6724, 35.6308, 50.6874

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.



49.2652, 43.3840, 49.8435



35.4317, 43.3840, 35.3607



44.3143, 43.3840, 70.2285

Square

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



35.4317, 43.3840, 35.3607



36.8475, 43.3840, 66.9472



47.6401, 43.3840, 61.5148



45.9581, 43.3840, 31.8346

Rectangle

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



35.4317, 43.3840, 35.3607



34.2615, 43.3840, 52.4153



47.6401, 43.3840, 61.5148



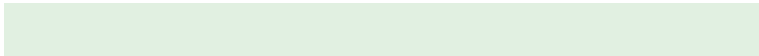
49.0963, 43.3840, 42.4130

Sweetspot

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



35.4329, 43.3858, 35.3617



75.8565, 83.6560, 83.6111



42.8635, 47.2165, 35.7092



16.2068, 17.9642, 17.7855



88.6918, 93.3107, 101.6153



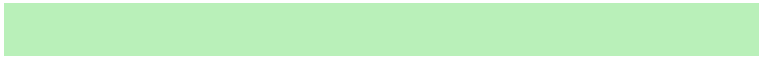
17.8044, 18.7317, 20.3988

Same Dimension

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



35.4329, 43.3858, 35.3617



59.6872, 75.8891, 57.1634



36.9493, 43.9924, 43.3473



8.8904, 10.0601, 9.5802



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



39.6724, 35.6308, 50.6874



68.7759, 59.2641, 90.0182



37.9367, 34.9365, 41.5472



9.3810, 9.1628, 11.3536



19.5859, 9.4081, 32.0357



0.6905, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 35.4317, 43.3840, 35.3607 looks on a white background.

Color Contrast Check

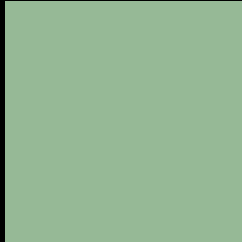
Large Text (above 18pt) WCAG AA × Fail

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 35.4317, 43.3840, 35.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

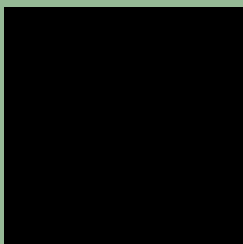
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

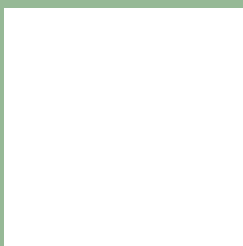
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4317, 43.3840, 35.3607

Background



This preview shows how black text looks on a background with the XYZ color 35.4317, 43.3840, 35.3607.



This preview shows how white text looks on a background with the XYZ color 35.4317, 43.3840,

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

35.4317, 43.3840, 35.3607

Protanopia

40.4484, 43.0186, 32.9596

Deuteranopia

43.7572, 42.9552, 36.1219



Tritanopia

39.6504, 43.2586, 56.7120

Trichromacy



Original Color

35.4317, 43.3840, 35.3607

Protanomaly

38.3998, 43.1174, 33.9024

Deuteranomaly

40.2889, 42.8720, 35.8574

Tritanomaly

37.7861, 43.0921, 47.9210

Monochromacy



Original Color

35.4317, 43.3840, 35.3607

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.2405, 41.4815, 40.6943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4317, 43.3840, 35.3607 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, 185, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 185, 150)  
}
```

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, 185, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 185, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.4317, 43.3840, 35.3607 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, 185, 150) }
```


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

```
.border{ border-color:rgb(150, 185, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 185, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 185, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 185, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 185,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4317, 43.3840, 35.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 185, 150) }
```

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

```
.background{ background-color: rgb(150,  
185, 150) }
```

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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