

Converting Colors

XYZ(33.5927, 40.6389, 39.3745)

Have a look what the booklet for
XYZ(33.5927, 40.6389, 39.3745)
contains.

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Color

**XYZ(33.4498, 40.4410,
39.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB3A0
RGB	141, 179, 160
RGB Percent	55%, 70%, 63%
CMY	0.4471, 0.2980, 0.3725
CMYK	0.21, 0.00, 0.11, 0.30
HSL	150°, 20%, 63%
HSV	150°, 21%, 70%
XYZ	33.4498, 40.4410, 39.3006
YIQ	165.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

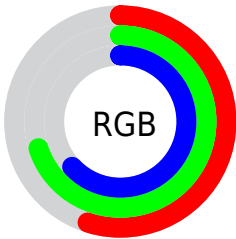
Format	Color
RYB	141, 166, 179
Decimal	9286560
CIELab	69.78, -16.74, 5.50
CIELCh	70, 17.622, 161.810
Yxy	40.4410, 0.2955, 0.3573
Android (android.graphics.Color)	4287476640 (0xFF8DB3A0)
YUV	165.4720, -2.6977, -21.4619
Hunter-Lab	63.5932, -17.3979, 7.8741

Details

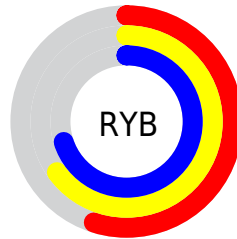
The XYZ color **33.4498, 40.4410, 39.3006** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4619, 31.1726, 37.4601**, and the grayscale version is **36.0101, 37.8854, 41.2572**.

A 20% lighter version of the original color is **64.4797, 75.9251, 75.5465**, and **14.4376, 18.1995, 17.2199** is the 20% darker color. If you saturate the color by 10%, you get **29.8938, 38.6961, 35.1932**, and if you desaturate by 10%, it is **37.5564, 42.4654, 43.7298**.

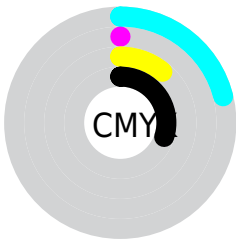
Distribution



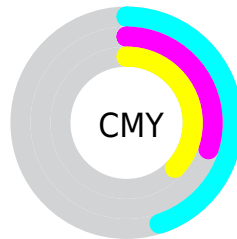
- Red (55%)
- Green (70%)
- Blue (63%)



- Red (55%)
- Yellow (65%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (45%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4498, 40.4410, 39.3006 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 33.4498, 40.4410, 39.3006 by changing the saturation by 10% instead.


 33.4498, 40.4410,
39.3006


 33.4498, 40.4410,
39.3006


309.3010,
347.9788, 358.6309


 22.6321, 27.8826,
26.6840


 64.4271, 75.8346,
75.3227

 14.4413, 18.2371,
17.1057


 85.3175, 99.4385,
99.5653

 8.5120, 11.1204,
10.1471


 110.2962,
127.4931, 128.5204

 4.4788, 6.1479,
5.3897

139.7284,
160.3826, 162.6064

 1.9764, 2.9352,
2.4150

173.9797,
198.4916, 202.2419

 0.6207, 1.0980,
0.7946

213.4153,

 0.0000, 0.0000,

242.2043, 247.8454

0.0000

258.4006,
291.9053, 299.8356

■ 33.4498, 40.4410,
39.3006

■ 33.4498, 40.4410,
39.3006

■ 29.8938, 38.6961,
35.1932

■ 37.5564, 42.4654,
43.7298

■ 26.8602, 37.2131,
31.3976

■ 42.2335, 44.7761,
48.4851

■ 24.3234, 35.9800,
27.9071

■ 47.5038, 47.3859,
53.5744

■ 22.2542, 34.9819,
24.7138

■ 53.3880, 50.3052,
59.0041

■ 20.6202, 34.2021,
21.8092

■ 59.9058, 53.5441,
64.7806

■ 19.3844, 33.6218,
19.1846

■ 67.0757, 57.1121,
70.9103

■ 18.5033, 33.2188,
16.8306

■ 70.6339, 58.8109,
77.1987

■ 17.9449, 32.9713,
14.9790

■ 71.8707, 59.3056,
83.7114

■ 73.1722, 59.8262,
90.5649

Harmonies

Analogous

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



34.8894, 40.4410, 33.3131



33.4498, 40.4410, 39.3006



33.3057, 40.4410, 47.3338

Triad

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



33.4498, 40.4410, 39.3006



39.5737, 40.4410, 61.3057



42.6814, 40.4410, 34.3521

Complementary

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



33.4498, 40.4410, 39.3006



34.4619, 31.1726, 37.4601

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.



44.0721, 40.4410, 40.8900



33.4498, 40.4410, 39.3006



42.2193, 40.4410, 56.8373

Square

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



33.4498, 40.4410, 39.3006



36.7478, 40.4410, 60.7422



43.8989, 40.4410, 49.1316



40.1792, 40.4410, 30.7095

Rectangle

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



33.4498, 40.4410, 39.3006



33.9544, 40.4410, 52.8614



43.8989, 40.4410, 49.1316



43.2998, 40.4410, 36.2474

Sweetspot

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



33.4509, 40.4427, 39.3015



71.4247, 78.1074, 82.6089



35.5534, 41.7042, 31.3758



15.7055, 17.2461, 18.1812



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.



33.4509, 40.4427, 39.3015



57.1191, 71.0581, 67.2311



35.1788, 41.1338, 48.4002



8.5602, 9.5586, 9.9439



12.7130, 23.3112, 10.7574



0.4295, 0.7452, 0.4936

Inverse Universe

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



34.4619, 31.1726, 37.4601



59.2232, 51.7648, 63.3987



32.9715, 30.5764, 29.6118



8.6676, 8.5738, 9.7483



14.4590, 7.3012, 7.5772



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 33.4498, 40.4410, 39.3006 looks on a white background.

Color Contrast Check

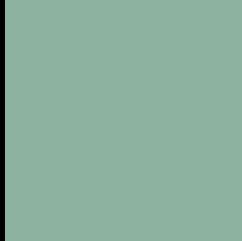
Large Text (above 18pt) WCAG AA × Fail

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 33.4498, 40.4410, 39.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

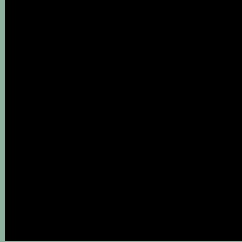
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4498, 40.4410, 39.3006

Background



This preview shows how black text looks on a background with the XYZ color 33.4498, 40.4410, 39.3006.



This preview shows how white text looks on a background with the XYZ color 33.4498, 40.4410,

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

33.4498, 40.4410, 39.3006

Protanopia

38.2358, 40.0896, 36.7332

Deuteranopia

40.8726, 40.0141, 40.2196



Tritanopia

36.3693, 40.4451, 54.0339

Trichromacy



Original Color

33.4498, 40.4410, 39.3006

Protanomaly

36.3392, 40.2140, 37.7451

Deuteranomaly

37.7228, 39.7552, 39.8677

Tritanomaly

35.0628, 40.1943, 48.0298

Monochromacy



Original Color

33.4498, 40.4410, 39.3006

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.6959, 38.4617, 40.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4498, 40.4410, 39.3006 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(141, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(141, 179, 160)  
}
```

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(141, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.4498, 40.4410, 39.3006 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(141, 179, 160) }
```


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

```
.border{ border-color:rgb(141, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(141, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4498, 40.4410, 39.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 179, 160) }
```

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

```
.background{ background-color: rgb(141,  
179, 160) }
```

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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