

Converting Colors

XYZ(34.3572, 40.6683, 39.0681)

Have a look what the booklet for
XYZ(34.3572, 40.6683, 39.0681)
contains.

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Color

**XYZ(34.2982, 40.5819,
39.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	93B2A0
RGB	147, 178, 160
RGB Percent	58%, 70%, 63%
CMY	0.4235, 0.3019, 0.3725
CMYK	0.17, 0.00, 0.10, 0.30
HSL	145°, 17%, 64%
HSV	145°, 17%, 70%
XYZ	34.2982, 40.5819, 39.2831
YIQ	166.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

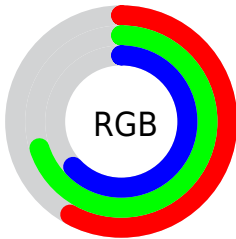
Format	Color
RYB	147, 169, 178
Decimal	9679520
CIELab	69.88, -14.21, 5.69
CIELCh	70, 15.308, 158.165
Yxy	40.5819, 0.3004, 0.3555
Android (android.graphics.Color)	4287869600 (0xFF93B2A0)
YUV	166.6790, -3.2927, -17.2585
Hunter-Lab	63.7039, -15.3774, 8.0315

Details

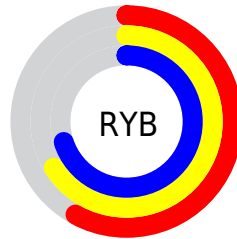
The XYZ color **34.2982, 40.5819, 39.2831** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.5868, 33.0501, 40.1028**, and the grayscale version is **36.5953, 38.5011, 41.9277**.

A 20% lighter version of the original color is **65.7760, 76.1694, 75.5254**, and **14.9178, 18.2582, 17.2059** is the 20% darker color. If you saturate the color by 10%, you get **30.4831, 38.7164, 34.5794**, and if you desaturate by 10%, it is **38.6847, 42.7355, 44.4078**.

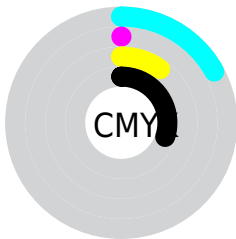
Distribution



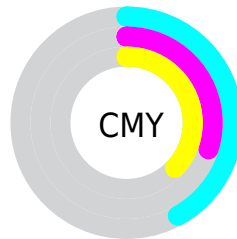
- Red (58%)
- Green (70%)
- Blue (63%)



- Red (58%)
- Yellow (66%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2982, 40.5819, 39.2831 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 34.2982, 40.5819, 39.2831 by changing the saturation by 10% instead.


 34.2982, 40.5819,
39.2831


 34.2982, 40.5819,
39.2831


313.0222,
348.5701, 358.5544

 23.2868, 27.9925,
26.6705


 65.7383, 76.0488,
75.2957

 14.9272, 18.3200,
17.0957


 86.8977, 99.6951,
99.5328

 8.8543, 11.1800,
10.1400


112.1705,
127.7959, 128.4818

 4.7026, 6.1880,
5.3851

141.9220,
160.7355, 162.5613

 2.1068, 2.9598,
2.4123

176.5176,
198.8983, 202.1897

 0.6929, 1.1108,
0.7931

216.3225,

 0.0000, 0.0000,

242.6688, 247.7857

0.0000

261.7023,
292.4312, 299.7678

■ 34.2982, 40.5819,
39.2831

■ 34.2982, 40.5819,
39.2831

■ 30.4831, 38.7164,
34.5794

■ 38.6847, 42.7355,
44.4078

■ 27.2115, 37.1216,
30.2832

■ 43.6622, 45.1837,
49.9610

■ 24.4583, 35.7857,
26.3845

■ 49.2534, 47.9392,
55.9534

■ 22.1949, 34.6943,
22.8716

■ 55.4788, 51.0124,
62.3947

■ 20.3899, 33.8314,
19.7322

■ 62.3580, 54.4132,
69.2940

■ 19.0078, 33.1790,
16.9536

■ 69.9098, 58.1511,
76.6604

■ 18.0078, 32.7162,
14.5218

■ 71.7772, 58.9487,
84.2042

■ 17.3293, 32.4122,
12.4217

■ 73.2923, 59.5548,
92.1825

■ 17.1789, 32.3454,
11.9302

■ 74.8953, 60.1960,
100.6236

Harmonies

Analogous

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



35.6898, 40.5819, 34.2638



34.2982, 40.5819, 39.2831



34.0263, 40.5819, 46.1620

Triad

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



34.2982, 40.5819, 39.2831



39.2555, 40.5819, 59.1882



42.4579, 40.5819, 36.2477

Complementary

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



34.2982, 40.5819, 39.2831



35.5868, 33.0501, 40.1028

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.



43.5052, 40.5819, 42.2687



34.2982, 40.5819, 39.2831



41.6051, 40.5819, 55.8614

Square

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



34.2982, 40.5819, 39.2831



36.8193, 40.5819, 58.1683



43.1866, 40.5819, 49.4825



40.3792, 40.5819, 32.6470

Rectangle

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



34.2982, 40.5819, 39.2831



34.5051, 40.5819, 50.9765



43.1866, 40.5819, 49.4825



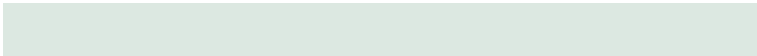
42.9462, 40.5819, 38.0284

Sweetspot

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



34.2993, 40.5836, 39.2840



72.1548, 78.4803, 82.8032



36.7227, 41.9575, 33.7675



15.8520, 17.3215, 18.1937



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.



34.2993, 40.5836, 39.2840



59.3447, 72.1957, 67.7790



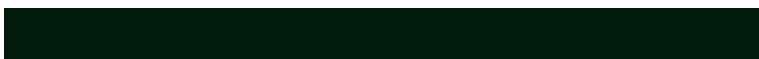
35.7333, 41.1572, 46.8350



8.5319, 9.5472, 9.7945



12.3211, 23.1544, 8.6937



0.4171, 0.7403, 0.4283

Inverse Universe

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



35.5868, 33.0501, 40.1028



62.1297, 55.8972, 69.5485



34.2666, 32.5220, 33.1506



8.6963, 8.5852, 9.8992



14.9335, 7.4910, 10.0757



0.4982, 0.2470, 0.4662

Previews

White Background



This preview shows how the XYZ color 34.2982, 40.5819, 39.2831 looks on a white background.

Color Contrast Check

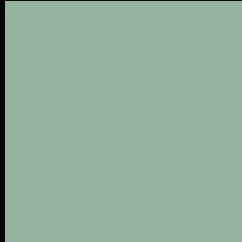
Large Text (above 18pt) WCAG AA × Fail

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 34.2982, 40.5819, 39.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

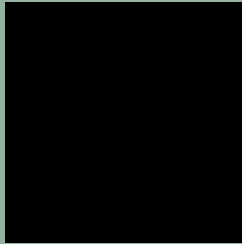
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2982, 40.5819, 39.2831

Background



This preview shows how black text looks on a background with the XYZ color 34.2982, 40.5819, 39.2831.



This preview shows how white text looks on a background with the XYZ color 34.2982, 40.5819,

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

34.2982, 40.5819, 39.2831

Protanopia

38.5069, 40.4969, 37.2396

Deuteranopia

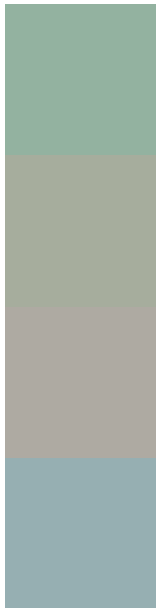
41.3012, 40.5018, 40.2911



Tritanopia

37.1620, 40.5783, 53.4507

Trichromacy



Original Color

34.2982, 40.5819, 39.2831

Protanomaly

36.7553, 40.4285, 37.7646

Deuteranomaly

38.3519, 40.3568, 39.9507

Tritanomaly

35.9435, 40.3583, 48.0150

Monochromacy



Original Color

34.2982, 40.5819, 39.2831

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.7610, 39.2797, 40.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2982, 40.5819, 39.2831 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(147, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 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(147, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.2982, 40.5819, 39.2831 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(147, 178, 160) }
```


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

```
.border{ border-color:rgb(147, 178, 160) }
```

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

Here you see how a box with a 4 pixel rgb(147, 178, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2982, 40.5819, 39.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 160) }
```

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

```
.background{ background-color: rgb(147,  
178, 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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