

Converting Colors

XYZ(34.8892, 40.9060, 39.0244)

Have a look what the booklet for
XYZ(34.8892, 40.9060, 39.0244)
contains.

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Color

**XYZ(34.9409, 40.9233,
38.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	97B29F
RGB	151, 178, 159
RGB Percent	59%, 70%, 62%
CMY	0.4078, 0.3019, 0.3765
CMYK	0.15, 0.00, 0.11, 0.30
HSL	138°, 15%, 65%
HSV	138°, 15%, 70%
XYZ	34.9409, 40.9233, 38.8583
YIQ	167.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

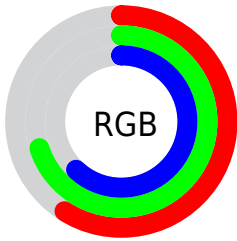
Format	Color
RYB	151, 172, 178
Decimal	9941663
CIELab	70.12, -13.04, 6.62
CIELCh	70, 14.622, 153.067
Yxy	40.9233, 0.3046, 0.3567
Android (android.graphics.Color)	4288131743 (0xFF97B29F)
YUV	167.7610, -4.3192, -14.6994
Hunter-Lab	63.9713, -14.4538, 8.7652

Details

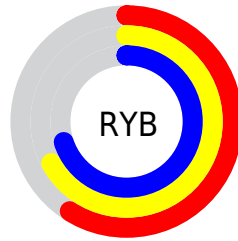
The XYZ color **34.9409, 40.9233, 38.8583** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6839, 34.5015, 42.7581**, and the grayscale version is **37.1272, 39.0607, 42.5371**.

A 20% lighter version of the original color is **66.7373, 76.6798, 74.9016**, and **15.2959, 18.4593, 16.9442** is the 20% darker color. If you saturate the color by 10%, you get **30.8511, 38.9354, 33.2774**, and if you desaturate by 10%, it is **39.6420, 43.2159, 45.0446**.

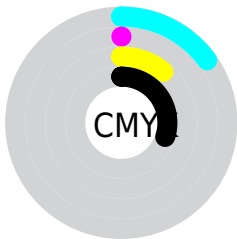
Distribution



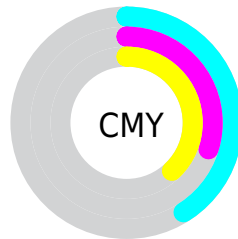
- Red (59%)
- Green (70%)
- Blue (62%)



- Red (59%)
- Yellow (67%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9409, 40.9233, 38.8583 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 34.9409, 40.9233, 38.8583 by changing the saturation by 10% instead.

■ 34.9409, 40.9233,
38.8583

■ 34.9409, 40.9233,
38.8583

315.8200,
349.9999, 356.6956

■ 23.7837, 28.2592,
26.3425

■ 66.7288, 76.5674,
74.6398

■ 15.2971, 18.5211,
16.8520

■ 88.0902, 100.3162,
98.7425

■ 9.1158, 11.3248,
9.9682

113.5837,
128.5287, 127.5447

■ 4.8745, 6.2857,
5.2725

143.5746,
161.5892, 161.4648

■ 2.2078, 3.0196,
2.3465

178.4284,
199.8822, 200.9214

■ 0.7469, 1.1420,
0.7571

218.5103,

■ 0.0000, 0.0135,

243.7921, 246.3331

0.0000

264.1857,
293.7032, 298.1183

0.0000, 0.0000,
0.0000

34.9409, 40.9233,
38.8583

34.9409, 40.9233,
38.8583

30.8511, 38.9354,
33.2774

39.6420, 43.2159,
45.0446

27.3436, 37.2342,
28.2811

44.9749, 45.8200,
51.8511

24.3922, 35.8077,
23.8510

50.9636, 48.7487,
59.2955

21.9672, 34.6410,
19.9670

57.6295, 52.0128,
67.3937

20.0361, 33.7178,
16.6076

64.9933, 55.6225,
76.1613

■ 18.5625, 33.0199,
13.7502

■ 72.0356, 59.0521,
85.5648

■ 17.5049, 32.5262,
11.3700

■ 73.9015, 59.7985,
95.3904

■ 16.8127, 32.2114,
9.4403

■ 75.2112, 60.3224,
102.2871

■ 16.5578, 32.0970,
8.6593

Harmonies

Analogous

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



36.4421, 40.9233, 34.4127



34.9409, 40.9233, 38.8583



34.4849, 40.9233, 45.2666

Triad

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



34.9409, 40.9233, 38.8583



39.1428, 40.9233, 59.0376



42.8767, 40.9233, 37.7554

Complementary

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



34.9409, 40.9233, 38.8583



36.6839, 34.5015, 42.7581

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.



43.6689, 40.9233, 43.8579



34.9409, 40.9233, 38.8583



41.4584, 40.9233, 56.5250

Square

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



34.9409, 40.9233, 38.8583



36.8515, 40.9233, 57.3544



43.1396, 40.9233, 50.7906



41.0156, 40.9233, 33.8232

Rectangle

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



34.9409, 40.9233, 38.8583



34.8191, 40.9233, 49.9175



43.1396, 40.9233, 50.7906



43.2802, 40.9233, 39.5975

Sweetspot

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



34.9420, 40.9250, 38.8592



71.9605, 78.4025, 81.7798



38.1612, 42.6622, 35.5020



15.8034, 17.3020, 17.9375



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.



34.9420, 40.9250, 38.8592



60.9147, 73.0202, 67.1690



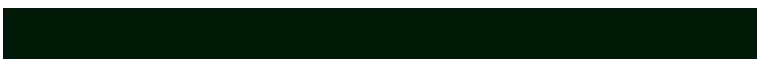
36.1450, 41.4062, 45.1941



8.4891, 9.5302, 9.5695



11.8713, 22.9745, 6.3249



0.3998, 0.7334, 0.3374

Inverse Universe

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



36.6839, 34.5015, 42.7581



64.6446, 59.2630, 75.5164



35.5010, 34.0283, 36.5290



8.7406, 8.6030, 10.1325



15.8261, 7.8480, 14.7762



0.5221, 0.2566, 0.5919

Previews

White Background



This preview shows how the XYZ color 34.9409, 40.9233, 38.8583 looks on a white background.

Color Contrast Check

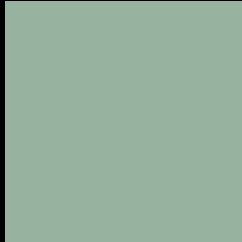
Large Text (above 18pt) WCAG AA × Fail

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 34.9409, 40.9233, 38.8583 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 34.9409, 40.9233, 38.8583

Background



This preview shows how black text looks on a background with the XYZ color 34.9409, 40.9233, 38.8583.



This preview shows how white text looks on a background with the XYZ color 34.9409, 40.9233,

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

34.9409, 40.9233, 38.8583

Protanopia

38.6512, 40.5810, 36.8061

Deuteranopia

41.4626, 40.5953, 39.8328



Tritanopia

37.9235, 40.9709, 53.4863

Trichromacy



Original Color

34.9409, 40.9233, 38.8583

Protanomaly

37.0928, 40.6123, 37.3364

Deuteranomaly

38.7122, 40.5528, 39.5053

Tritanomaly

36.5922, 40.7043, 47.5231

Monochromacy



Original Color

34.9409, 40.9233, 38.8583

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4443, 39.9030, 41.3785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9409, 40.9233, 38.8583 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(151, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 178, 159)  
}
```

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(151, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 178, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.9409, 40.9233, 38.8583 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(151, 178, 159) }
```


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

```
.border{ border-color:rgb(151, 178, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 178, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 178,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9409, 40.9233, 38.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 178, 159) }
```

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

```
.background{ background-color: rgb(151,  
178, 159) }
```

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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