

Converting Colors

XYZ(34.8727, 39.7332, 40.9233)

Have a look what the booklet for
XYZ(34.8727, 39.7332, 40.9233)
contains.

XYZ(34.7858, 39.6278, 40.9375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.7858, 39.6278,
40.9375)**

Conversions

Conversions Part 1

Format	Color
Hex	98AEA4
RGB	152, 174, 164
RGB Percent	60%, 68%, 64%
CMY	0.4039, 0.3176, 0.3569
CMYK	0.13, 0.00, 0.06, 0.32
HSL	153°, 12%, 64%
HSV	153°, 13%, 68%
XYZ	34.7858, 39.6278, 40.9375
YIQ	166.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

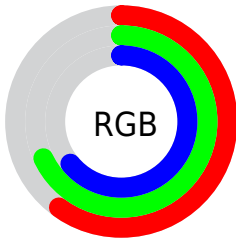
Format	Color
RYB	152, 166, 174
Decimal	10006180
CIELab	69.20, -9.61, 2.55
CIELCh	69, 9.941, 165.120
Yxy	39.6278, 0.3016, 0.3435
Android (android.graphics.Color)	4288196260 (0xFF98AEA4)
YUV	166.2820, -1.1250, -12.5253
Hunter-Lab	62.9506, -11.5265, 5.5085

Details

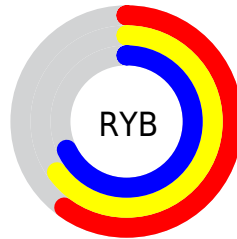
The XYZ color **34.7858, 39.6278, 40.9375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2068, 34.0648, 38.9038**, and the grayscale version is **36.3915, 38.2867, 41.6942**.

A 20% lighter version of the original color is **66.2591, 74.2749, 77.8621**, and **15.2510, 17.8556, 17.9719** is the 20% darker color. If you saturate the color by 10%, you get **31.0728, 37.7948, 37.1503**, and if you desaturate by 10%, it is **39.0232, 41.7282, 44.9829**.

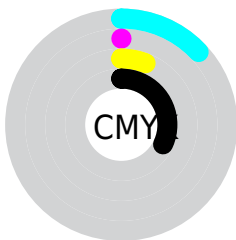
Distribution



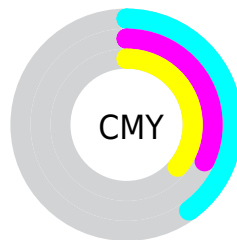
- Red (60%)
- Green (68%)
- Blue (64%)



- Red (60%)
- Yellow (65%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (40%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7858, 39.6278, 40.9375 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 34.7858, 39.6278, 40.9375 by changing the saturation by 10% instead.

■ 34.7858, 39.6278,
40.9375

■ 34.7858, 39.6278,
40.9375

315.1465,
344.5523, 365.7282

■ 23.6637, 27.2485,
27.9509

■ 66.4900, 74.5964,
77.8416

■ 15.2077, 17.7599,
18.0499

■ 87.8028, 97.9545,
102.5963

■ 9.0525, 10.7778,
10.8160

113.2432,
125.7409, 132.1107

■ 4.8329, 5.9176,
5.8307

143.1765,
158.3401, 166.8034

■ 2.1833, 2.7950,
2.6753

177.9682,
196.1364, 207.0930

■ 0.7339, 1.0257,
0.9309

217.9835,

■ 0.0000, 0.0000,

239.5143, 253.3980

0.0000

263.5878,
288.8581, 306.1369

■ 34.7858, 39.6278,
40.9375

■ 34.7858, 39.6278,
40.9375

■ 31.0728, 37.7948,
37.1503

■ 39.0232, 41.7282,
44.9829

■ 27.8595, 36.2132,
33.6135

■ 43.8020, 44.1015,
49.2888

■ 25.1238, 34.8729,
30.3225

■ 49.1425, 46.7589,
53.8611

■ 22.8409, 33.7612,
27.2719

■ 55.0627, 49.7098,
58.7045

■ 20.9833, 32.8640,
24.4556

■ 61.5801, 52.9631,
63.8234

■ 19.5207, 32.1658,
21.8677

■ 68.1928, 56.2600,
69.1982

■ 18.4184, 31.6487,
19.5015

■ 69.2122, 56.6677,
74.5663

■ 17.6350, 31.2917,
17.3502

■ 70.2812, 57.0953,
80.1952

■ 17.1978, 31.0979,
15.8988

■ 71.4003, 57.5430,
86.0884

Harmonies

Analogous

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



35.5392, 39.6278, 37.2577



34.7858, 39.6278, 40.9375



34.7889, 39.6278, 45.4733

Triad

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



34.7858, 39.6278, 40.9375



38.4685, 39.6278, 52.1683



39.8646, 39.6278, 37.2341

Complementary

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



34.7858, 39.6278, 40.9375



35.2068, 34.0648, 38.9038

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.



40.6954, 39.6278, 40.9033



34.7858, 39.6278, 40.9375



39.8740, 39.6278, 49.6284

Square

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



34.7858, 39.6278, 40.9375



36.8851, 39.6278, 52.1791



40.6989, 39.6278, 45.4365



38.4559, 39.6278, 35.2241

Rectangle

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



34.7858, 39.6278, 40.9375



35.2184, 39.6278, 48.3857



40.6989, 39.6278, 45.4365



40.2225, 39.6278, 38.3025

Sweetspot

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



34.7869, 39.6295, 40.9384



69.6260, 75.1147, 80.5159



35.7594, 40.2502, 35.5908



15.3430, 16.6295, 17.7718



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.7869, 39.6295, 40.9384



61.2416, 70.9631, 72.4095



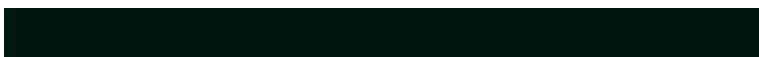
35.5850, 39.7226, 45.8380



8.0803, 9.0097, 9.4480



12.5033, 22.5666, 11.6902



0.3750, 0.6386, 0.4681

Inverse Universe

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



35.2068, 34.0648, 38.9038



62.1447, 58.9948, 68.0339



34.4719, 33.9619, 34.4449



8.1510, 8.0736, 9.1057



13.7162, 6.9490, 6.1508



0.4094, 0.2044, 0.3176

Previews

White Background



This preview shows how the XYZ color 34.7858, 39.6278, 40.9375 looks on a white background.

Color Contrast Check

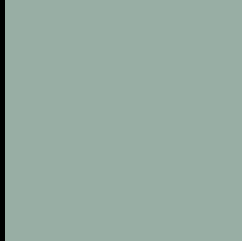
Large Text (above 18pt) WCAG AA × Fail

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 34.7858, 39.6278, 40.9375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

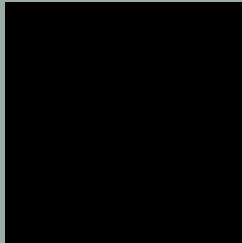
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

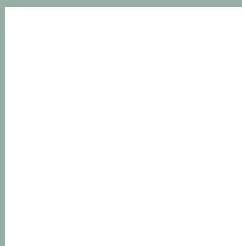
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7858, 39.6278, 40.9375

Background



This preview shows how black text looks on a background with the XYZ color 34.7858, 39.6278, 40.9375.



This preview shows how white text looks on a background with the XYZ color 34.7858, 39.6278,

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

34.7858, 39.6278, 40.9375

Protanopia

37.8912, 39.5771, 39.3603

Deuteranopia

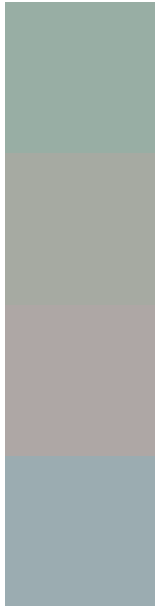
40.2298, 39.3867, 41.5584



Tritanopia

37.0302, 39.6965, 51.6094

Trichromacy



Original Color

34.7858, 39.6278, 40.9375

Protanomaly

36.6222, 39.4651, 39.8697

Deuteranomaly

38.0658, 39.3527, 41.1869

Tritanomaly

36.2059, 39.6479, 47.3395

Monochromacy



Original Color

34.7858, 39.6278, 40.9375

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6774, 38.6696, 41.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7858, 39.6278, 40.9375 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, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 164)  
}
```

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, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.7858, 39.6278, 40.9375 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, 174, 164) }
```


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

```
.border{ border-color:rgb(152, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7858, 39.6278, 40.9375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 164) }
```

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

```
.background{ background-color: rgb(152,  
174, 164) }
```

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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