

Converting Colors

XYZ(33.8592, 34.3026, 41.2042)

Have a look what the booklet for
XYZ(33.8592, 34.3026, 41.2042)
contains.

XYZ(33.9678, 34.3535, 41.3998)	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(33.9678, 34.3535,
41.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	A39CA7
RGB	163, 156, 167
RGB Percent	64%, 61%, 65%
CMY	0.3608, 0.3882, 0.3451
CMYK	0.02, 0.07, 0.00, 0.35
HSL	278°, 6%, 63%
HSV	278°, 7%, 65%
XYZ	33.9678, 34.3535, 41.3998
YIQ	159.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

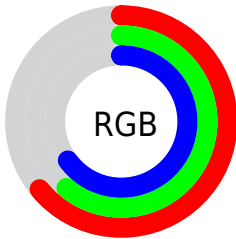
Format	Color
RYB	163, 156, 167
Decimal	10722471
CIELab	65.24, 4.64, -4.82
CIELCh	65, 6.691, 313.931
Yxy	34.3535, 0.3096, 0.3131
Android (android.graphics.Color)	4288912551 (0xFFA39CA7)
YUV	159.3470, 3.7729, 3.2037
Hunter-Lab	58.6119, 0.8768, -0.8505

Details

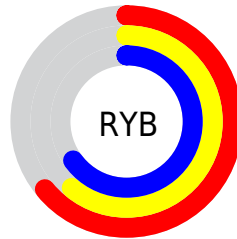
The XYZ color **33.9678, 34.3535, 41.3998** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3179, 37.5122, 36.8861**, and the grayscale version is **33.0974, 34.8210, 37.9201**.

A 20% lighter version of the original color is **65.1449, 66.2725, 78.4656**, and **14.7016, 14.7205, 18.2861** is the 20% darker color. If you saturate the color by 10%, you get **30.1423, 28.5042, 40.4729**, and if you desaturate by 10%, it is **38.2404, 41.0071, 42.4594**.

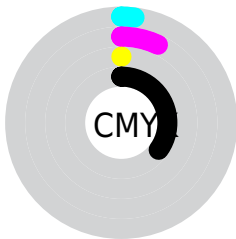
Distribution



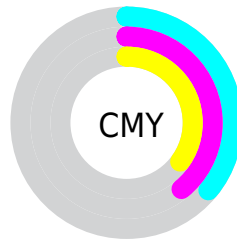
- Red (64%)
- Green (61%)
- Blue (65%)



- Red (64%)
- Yellow (61%)
- Blue (65%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9678, 34.3535, 41.3998 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 33.9678, 34.3535, 41.3998 by changing the saturation by 10% instead.

■ 33.9678, 34.3535,
41.3998

■ 33.9678, 34.3535,
41.3998

311.5769,
321.7054, 367.7148

■ 23.0316, 23.1653,
28.3096

■ 65.2282, 66.4830,
78.5507

■ 14.7377, 14.7156,
18.3181

■ 86.2832, 88.1931,
103.4484

■ 8.7206, 8.6200,
11.0068

111.4418,
114.1793, 133.1191

■ 4.6150, 4.4942,
5.9572

141.0694,
144.8260, 167.9811

■ 2.0556, 1.9537,
2.7507

175.5313,
180.5175, 208.4532

■ 0.6649, 0.5803,
0.9688

215.1930,

■ 0.0000, 0.0000,

221.6384, 254.9538

0.0000

260.4197,
268.5729, 307.9015

■ 33.9678, 34.3535,
41.3998

■ 33.9678, 34.3535,
41.3998

■ 30.1423, 28.5042,
40.4729

■ 38.2404, 41.0071,
42.4594

■ 26.7444, 23.4231,
39.6713

■ 42.9725, 48.4906,
43.6545

■ 23.7575, 19.0780,
38.9900

■ 48.1800, 56.8336,
44.9904

■ 21.1628, 15.4324,
38.4231

■ 53.8768, 66.0632,
46.4716

■ 18.9400, 12.4468,
37.9639

■ 60.0766, 76.2051,
48.1024

■ 17.0665, 10.0775,
37.6054

■ 66.4066, 86.5131,
49.7584

■ 15.5171, 8.2756,
37.3392

■ 68.0554, 87.3631,
49.8356

■ 14.2627, 6.9844,
37.1561

■ 69.7693, 88.2467,
49.9158

■ 13.2623, 6.1231,
37.0426

■ 71.5490, 89.1642,
49.9991

Harmonies

Analogous

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



33.1047, 34.3535, 42.8527



33.9678, 34.3535, 41.3998



34.4837, 34.3535, 38.9085

Triad

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



33.9678, 34.3535, 41.3998



33.1728, 34.3535, 32.4871



30.8688, 34.3535, 38.7105

Complementary

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



33.9678, 34.3535, 41.3998



34.3179, 37.5122, 36.8861

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.



30.8863, 34.3535, 35.9409



33.9678, 34.3535, 41.3998



32.2034, 34.3535, 32.4400

Square

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



33.9678, 34.3535, 41.3998



34.0185, 34.3535, 33.8081



31.3706, 34.3535, 33.6760



31.3225, 34.3535, 41.2486

Rectangle

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



33.9678, 34.3535, 41.3998



34.5550, 34.3535, 37.0389



31.3706, 34.3535, 33.6760



30.8201, 34.3535, 37.7738

Sweetspot

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



33.9688, 34.3550, 41.4005



64.2145, 66.7648, 74.9777



33.2633, 35.0125, 41.5647



14.3894, 14.9710, 16.7834



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.9688, 34.3550, 41.4005



59.7145, 59.7993, 73.8704



34.6660, 34.7300, 40.7295



7.5733, 7.5282, 9.4723



9.9645, 4.5203, 28.3228



0.2955, 0.1374, 0.6916

Inverse Universe

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



34.1712, 34.5320, 38.1237



60.1651, 60.1917, 66.6593



33.6560, 37.1565, 37.5072



7.6397, 7.5857, 8.4197



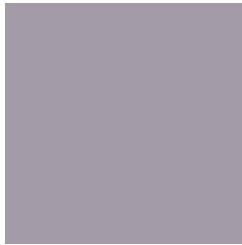
12.8556, 6.5510, 4.0514



0.3373, 0.1692, 0.2279

Previews

White Background



This preview shows how the XYZ color 33.9678, 34.3535, 41.3998 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 33.9678, 34.3535, 41.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

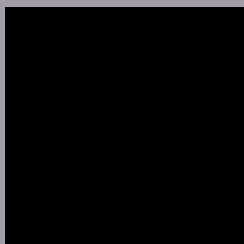
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9678, 34.3535, 41.3998

Background



This preview shows how black text looks on a background with the XYZ color 33.9678, 34.3535, 41.3998.

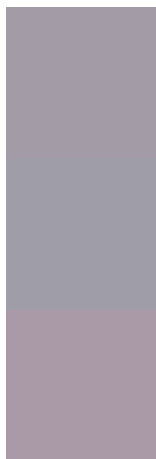


This preview shows how white text looks on a background with the XYZ color 33.9678, 34.3535,

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

33.9678, 34.3535, 41.3998

Protanopia

33.2254, 34.2102, 41.8978

Deuteranopia

35.1082, 34.4473, 41.3578



Tritanopia

34.0606, 34.3906, 41.8887

Trichromacy



Original Color

33.9678, 34.3535, 41.3998

Protanomaly

33.6221, 34.4147, 41.9164

Deuteranomaly

34.6327, 34.4482, 41.3830

Tritanomaly

34.0606, 34.3906, 41.8887

Monochromacy



Original Color

33.9678, 34.3535, 41.3998

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2457, 34.5359, 39.0963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9678, 34.3535, 41.3998 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(163, 156, 167)` looks like.

```
.text, #text, p{  
    color:rgb(163, 156, 167)  
}
```

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(163, 156, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 156, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.9678, 34.3535, 41.3998 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(163, 156, 167) }
```


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

```
.border{ border-color:rgb(163, 156, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 156, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 156, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 156, 167);  
box-shadow:4px 4px 4px 4px rgb(163, 156,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9678, 34.3535, 41.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 156, 167) }
```

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

```
.background{ background-color: rgb(163,  
156, 167) }
```

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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