

Converting Colors

XYZ(34.3312, 33.8239, 40.3165)

Have a look what the booklet for
XYZ(34.3312, 33.8239, 40.3165)
contains.

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Color

**XYZ(34.3312, 33.8239,
40.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	A899A5
RGB	168, 153, 165
RGB Percent	66%, 60%, 65%
CMY	0.3412, 0.4000, 0.3529
CMYK	0.00, 0.09, 0.02, 0.34
HSL	312°, 8%, 63%
HSV	312°, 9%, 66%
XYZ	34.3312, 33.8239, 40.3165
YIQ	158.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

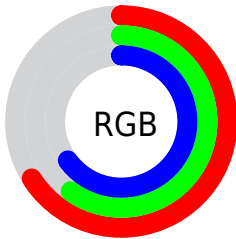
Format	Color
RYB	168, 153, 165
Decimal	11049381
CIELab	64.82, 7.71, -4.27
CIELCh	65, 8.814, 331.043
Yxy	33.8239, 0.3165, 0.3118
Android (android.graphics.Color)	4289239461 (0xFFA899A5)
YUV	158.8530, 3.0305, 8.0219
Hunter-Lab	58.1583, 3.5926, -0.3902

Details

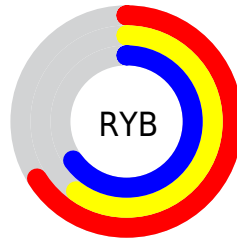
The XYZ color **34.3312, 33.8239, 40.3165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1415, 37.1788, 36.8838**, and the grayscale version is **32.8733, 34.5852, 37.6633**.

A 20% lighter version of the original color is **65.6625, 65.4809, 76.8884**, and **14.9345, 14.4080, 17.6167** is the 20% darker color. If you saturate the color by 10%, you get **31.4712, 28.5866, 37.8741**, and if you desaturate by 10%, it is **37.5883, 39.8417, 42.9318**.

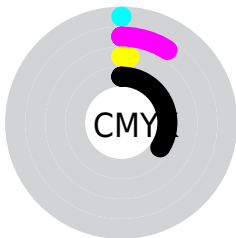
Distribution



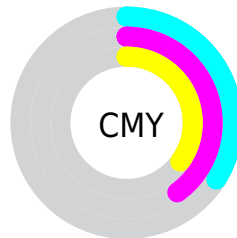
- Red (66%)
- Green (60%)
- Blue (65%)



- Red (66%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (34%)





- Cyan (34%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3312, 33.8239, 40.3165 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 34.3312, 33.8239, 40.3165 by changing the saturation by 10% instead.


 34.3312, 33.8239,
40.3165


 34.3312, 33.8239,
40.3165


313.1663,
319.3461, 363.0475

 23.3122, 22.7583,
27.4697


 65.7893, 65.6597,
76.8876

 14.9462, 14.4152,
17.6908


 86.9591, 87.1988,
101.4490

 8.8677, 8.4100,
10.5611


112.2432,
112.9978, 130.7523

 4.7114, 4.3584,
5.6621

142.0070,
143.4412, 165.2162

 2.1120, 1.8760,
2.5753

176.6159,
178.9133, 205.2591

 0.6957, 0.5339,
0.8796

216.4352,

 0.0000, 0.0000,

219.7986, 251.2996

0.0000

261.8302,
266.4814, 303.7562

■ 34.3312, 33.8239,
40.3165

■ 34.3312, 33.8239,
40.3165

■ 31.4712, 28.5866,
37.8741

■ 37.5883, 39.8417,
42.9318

■ 28.9893, 24.0932,
35.5966

■ 41.2549, 46.6658,
45.7231

■ 26.8692, 20.3106,
33.4788

■ 45.3463, 54.3264,
48.6963

■ 25.0922, 17.2017,
31.5141

■ 49.8761, 62.8509,
51.8562

■ 23.6379, 14.7260,
29.6955

■ 54.8575, 72.2653,
55.2075

■ 22.4840, 12.8384,
28.0151

■ 60.3029, 82.5944,
58.7545

■ 21.6048, 11.4882,
26.4641

■ 61.0426, 83.4985,
60.7744

■ 20.9707, 10.6157,
25.0322

■ 61.4106, 83.6457,
62.7120

■ 20.5241, 10.1064,
23.7001

■ 61.7870, 83.7963,
64.6944

Harmonies

Analogous

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



33.4234, 33.8239, 43.1461



34.3312, 33.8239, 40.3165



34.6505, 33.8239, 36.7015

Triad

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



34.3312, 33.8239, 40.3165



32.1042, 33.8239, 30.2741



30.1030, 33.8239, 40.5509

Complementary

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



34.3312, 33.8239, 40.3165



33.1415, 37.1788, 36.8838

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.



29.7702, 33.8239, 36.9558



34.3312, 33.8239, 40.3165



30.9067, 33.8239, 31.1598

Square

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



34.3312, 33.8239, 40.3165



33.3445, 33.8239, 31.0462



30.0605, 33.8239, 33.5477



30.9816, 33.8239, 43.2875

Rectangle

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



34.3312, 33.8239, 40.3165



34.4801, 33.8239, 34.3759



30.0605, 33.8239, 33.5477



29.9246, 33.8239, 39.3950

Sweetspot

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



34.3322, 33.8254, 40.3172



65.6807, 67.6160, 75.9081



32.1708, 32.6792, 41.6584



14.2135, 14.5488, 16.4630



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.



34.3322, 33.8254, 40.3172



61.0568, 59.0955, 72.1250



33.6694, 33.5603, 36.8272



7.7766, 7.6405, 9.1410



15.4834, 7.6021, 17.8887



0.3926, 0.1913, 0.5190

Inverse Universe

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



34.3322, 33.8254, 40.3172



61.0568, 59.0955, 72.1250



33.7964, 37.4407, 40.3321



7.7766, 7.6405, 9.1410



15.4834, 7.6021, 17.8887



0.3926, 0.1913, 0.5190

Previews

White Background



This preview shows how the XYZ color 34.3312, 33.8239, 40.3165 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 34.3312, 33.8239, 40.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

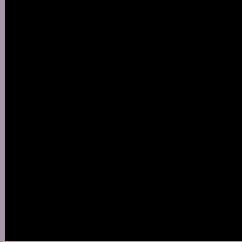
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3312, 33.8239, 40.3165

Background



This preview shows how black text looks on a background with the XYZ color 34.3312, 33.8239, 40.3165.



This preview shows how white text looks on a background with the XYZ color 34.3312, 33.8239,

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

34.3312, 33.8239, 40.3165

Protanopia

32.7681, 33.7351, 41.3437

Deuteranopia

34.5449, 33.9341, 40.3265



Tritanopia

34.3312, 33.8239, 40.3165

Trichromacy



Original Color

34.3312, 33.8239, 40.3165

Protanomaly

33.3022, 33.7729, 40.8400

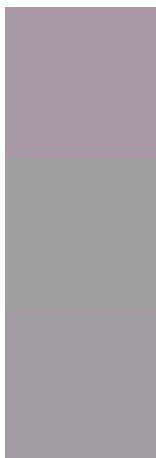
Deuteranomaly

34.5449, 33.9341, 40.3265

Tritanomaly

34.3312, 33.8239, 40.3165

Monochromacy



Original Color

34.3312, 33.8239, 40.3165

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3903, 34.3685, 38.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3312, 33.8239, 40.3165 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(168, 153, 165) looks like.

```
.text, #text, p{  
    color:rgb(168, 153, 165)  
}
```

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(168, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.3312, 33.8239, 40.3165 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(168, 153, 165) }
```


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

```
.border{ border-color:rgb(168, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3312, 33.8239, 40.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 165) }
```

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

```
.background{ background-color: rgb(168,  
153, 165) }
```

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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