

Converting Colors

XYZ(34.1022, 33.8070, 35.7384)

Have a look what the booklet for
XYZ(34.1022, 33.8070, 35.7384)
contains.

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Color

**XYZ(34.1022, 33.8070,
35.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	AB999B
RGB	171, 153, 155
RGB Percent	67%, 60%, 61%
CMY	0.3294, 0.4000, 0.3922
CMYK	0.00, 0.11, 0.09, 0.33
HSL	353°, 10%, 64%
HSV	353°, 11%, 67%
XYZ	34.1022, 33.8070, 35.7384
YIQ	158.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

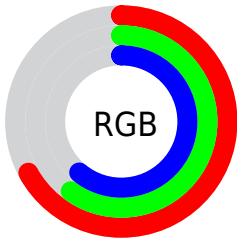
Format	Color
RYB	171, 153, 155
Decimal	11245979
CIELab	64.81, 6.98, 1.37
CIELCh	65, 7.109, 11.074
Yxy	33.8070, 0.3290, 0.3262
Android (android.graphics.Color)	4289436059 (0xFFAB999B)
YUV	158.6100, -1.7797, 10.8660
Hunter-Lab	58.1438, 2.9413, 4.2577

Details

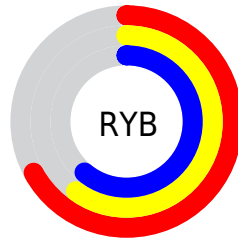
The XYZ color **34.1022, 33.8070, 35.7384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8625, 38.7635, 43.1826**, and the grayscale version is **32.7821, 34.4893, 37.5589**.

A 20% lighter version of the original color is **65.1855, 65.3978, 69.5090**, and **14.8578, 14.4242, 15.0978** is the 20% darker color. If you saturate the color by 10%, you get **30.3042, 28.1269, 28.5649**, and if you desaturate by 10%, it is **38.4640, 40.3566, 43.8937**.

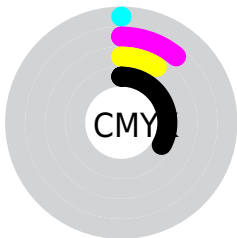
Distribution



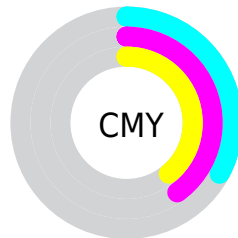
- Red (67%)
- Green (60%)
- Blue (61%)



- Red (67%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1022, 33.8070, 35.7384 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 34.1022, 33.8070, 35.7384 by changing the saturation by 10% instead.

■ 34.1022, 33.8070,
35.7384

■ 34.1022, 33.8070,
35.7384

312.1654,
319.2706, 342.8185

■ 23.1354, 22.7454,
23.9441

■ 65.4358, 65.6334,
69.7926

■ 14.8148, 14.4056,
15.0804

■ 86.5333, 87.1670,
92.8896

■ 8.7749, 8.4033,
8.7286

111.7384,
112.9600, 120.5913

■ 4.6506, 4.3541,
4.4702

141.4165,
143.3969, 153.3161

■ 2.0764, 1.8735,
1.8867

175.9328,
178.8620, 191.4828

■ 0.6763, 0.5324,
0.4842

215.6529,

■ 0.0000, 0.0000,

219.7397, 235.5097

0.0000

260.9420,
266.4145, 285.8154

■ 34.1022, 33.8070,
35.7384

■ 34.1022, 33.8070,
35.7384

■ 30.3042, 28.1269,
28.5649

■ 38.4640, 40.3566,
43.8937

■ 27.0442, 23.2755,
22.3341

■ 43.4084, 47.8055,
53.0638

■ 24.2986, 19.2153,
17.0074

■ 48.9567, 56.1873,
63.2826

■ 22.0411, 15.9044,
12.5427

■ 55.1285, 65.5330,
74.5819

■ 20.2428, 13.2968,
8.8944

■ 61.9423, 75.8717,
86.9922

■ 18.8720, 11.3416,
6.0129

■ 69.2227, 86.8452,
100.4782

■ 17.8926, 9.9809,
3.8432

■ 70.6047, 87.3980,
107.7560

■ 17.2629, 9.1466,
2.3225

■ 16.9120, 8.7049,
1.4038

Harmonies

Analogous

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



34.0297, 33.8070, 38.6680



34.1022, 33.8070, 35.7384



33.6386, 33.8070, 33.2308

Triad

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



34.1022, 33.8070, 35.7384



30.8572, 33.8070, 32.7238



31.4986, 33.8070, 42.4012

Complementary

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



34.1022, 33.8070, 35.7384



34.8625, 38.7635, 43.1826

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.



30.6721, 33.8070, 40.6376



34.1022, 33.8070, 35.7384



30.3072, 33.8070, 35.0127

Square

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



34.1022, 33.8070, 35.7384



31.7561, 33.8070, 31.5529



30.2402, 33.8070, 37.9030



32.5119, 33.8070, 42.6210

Rectangle

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



34.1022, 33.8070, 35.7384



33.0935, 33.8070, 32.0955



30.2402, 33.8070, 37.9030



31.1903, 33.8070, 41.9651

Sweetspot

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



34.1031, 33.8085, 35.7391



66.8143, 69.1603, 74.7481



35.0836, 34.1483, 43.2705



14.7578, 15.2095, 16.4039



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.1031, 33.8085, 35.7391



59.1380, 57.6451, 60.3594



35.0988, 36.0660, 35.2504



8.0400, 8.0293, 8.5217



12.7594, 6.5663, 1.1127



0.3662, 0.1871, 0.0899

Inverse Universe

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



34.1031, 33.8085, 35.7391



59.1380, 57.6451, 60.3594



33.7822, 36.3005, 43.7545



8.0400, 8.0293, 8.5217



12.7594, 6.5663, 1.1127



0.3662, 0.1871, 0.0899

Previews

White Background



This preview shows how the XYZ color 34.1022, 33.8070, 35.7384 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 34.1022, 33.8070, 35.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

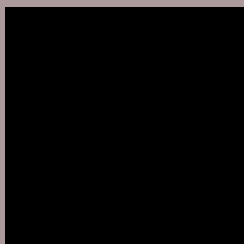
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

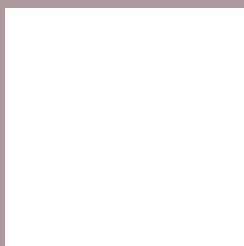
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1022, 33.8070, 35.7384

Background



This preview shows how black text looks on a background with the XYZ color 34.1022, 33.8070, 35.7384.



This preview shows how white text looks on a background with the XYZ color 34.1022, 33.8070,

35.7384.

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

34.1022, 33.8070, 35.7384

Protanopia

32.6400, 34.0218, 36.7448

Deuteranopia

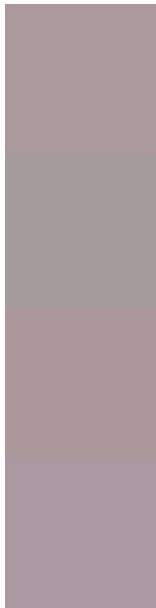
34.3782, 33.7073, 35.7046



Tritanopia

34.9423, 33.9075, 39.8251

Trichromacy



Original Color

34.1022, 33.8070, 35.7384

Protanomaly

33.1991, 34.0697, 36.2788

Deuteranomaly

34.1579, 33.5937, 35.6943

Tritanomaly

34.6745, 33.8003, 38.4148

Monochromacy



Original Color

34.1022, 33.8070, 35.7384

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3328, 34.3691, 37.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1022, 33.8070, 35.7384 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(171, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 155)  
}
```

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(171, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.1022, 33.8070, 35.7384 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(171, 153, 155) }
```


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

```
.border{ border-color:rgb(171, 153, 155) }
```

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

Here you see how a box with a 4 pixel rgb(171, 153, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 153,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1022, 33.8070, 35.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 155) }
```

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

```
.background{ background-color: rgb(171,  
153, 155) }
```

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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