

Converting Colors

XYZ(34.8838, 34.1714, 37.5585)

Have a look what the booklet for
XYZ(34.8838, 34.1714, 37.5585)
contains.

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Color

**XYZ(34.8828, 34.1699,
37.5578)**

Conversions

Conversions Part 1

Format	Color
Hex	AD999F
RGB	173, 153, 159
RGB Percent	68%, 60%, 62%
CMY	0.3216, 0.4000, 0.3765
CMYK	0.00, 0.12, 0.08, 0.32
HSL	342°, 11%, 64%
HSV	342°, 12%, 68%
XYZ	34.8828, 34.1699, 37.5578
YIQ	159.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

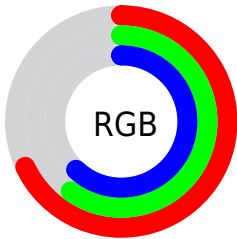
Format	Color
RYB	173, 153, 159
Decimal	11377055
CIELab	65.10, 8.42, -0.44
CIELCh	65, 8.436, 357.008
Yxy	34.1699, 0.3272, 0.3205
Android (android.graphics.Color)	4289567135 (0xFFAD999F)
YUV	159.6640, -0.3274, 11.6957
Hunter-Lab	58.4550, 4.2229, 2.8242

Details

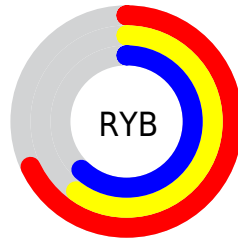
The XYZ color **34.8828, 34.1699, 37.5578** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0568, 39.4503, 42.3281**, and the grayscale version is **33.2580, 34.9900, 38.1041**.

A 20% lighter version of the original color is **66.7635, 66.1387, 72.8656**, and **15.3433, 14.6504, 16.2065** is the 20% darker color. If you saturate the color by 10%, you get **31.2541, 28.5125, 31.4144**, and if you desaturate by 10%, it is **39.0270, 40.6926, 44.3820**.

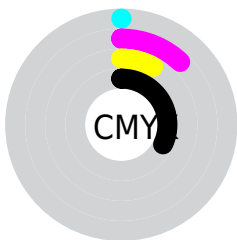
Distribution



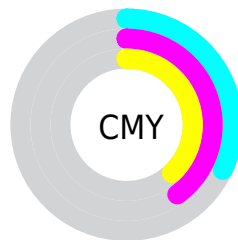
- Red (68%)
- Green (60%)
- Blue (62%)



- Red (68%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8828, 34.1699, 37.5578 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 34.8828, 34.1699, 37.5578 by changing the saturation by 10% instead.

■ 34.8828, 34.1699,
37.5578

■ 34.8828, 34.1699,
37.5578

315.5678,
320.8890, 350.9604

■ 23.7387, 23.0242,
25.3405

■ 66.6394, 66.1978,
72.6257

■ 15.2636, 14.6113,
16.1096

■ 87.9826, 87.8487,
96.3135

■ 9.0921, 8.5471,
9.4465

113.4562,
113.7702, 124.6617

■ 4.8589, 4.4470,
4.9328

143.4256,
144.3465, 158.0891

■ 2.1986, 1.9266,
2.1498

178.2560,
179.9622, 197.0141

■ 0.7420, 0.5643,
0.6452

218.3130,

■ 0.0000, 0.0000,

221.0016, 241.8553

0.0000

263.9618,
267.8490, 293.0312

■ 34.8828, 34.1699,
37.5578

■ 34.8828, 34.1699,
37.5578

■ 31.2541, 28.5125,
31.4144

■ 39.0270, 40.6926,
44.3820

■ 28.1174, 23.6796,
25.9282

■ 43.7032, 48.1102,
51.9053

■ 25.4518, 19.6336,
21.0775

■ 48.9307, 56.4566,
60.1479

■ 23.2336, 16.3325,
16.8383

■ 54.7268, 65.7625,
69.1285

■ 21.4370, 13.7301,
13.1852

■ 61.1083, 76.0572,
78.8651

■ 20.0336, 11.7752,
10.0909

■ 67.5127, 86.2119,
89.1824

■ 18.9911, 10.4095,
7.5254

■ 69.2901, 86.9229,
98.5421

■ 18.2714, 9.5638,
5.4557

■ 71.0437, 87.6243,
107.7765

■ 17.8509, 9.1312,
4.0565

Harmonies

Analogous

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



34.4900, 34.1699, 40.9941



34.8828, 34.1699, 37.5578



34.6179, 34.1699, 34.2300

Triad

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



34.8828, 34.1699, 37.5578



31.4213, 34.1699, 31.5219



31.2138, 34.1699, 43.1444

Complementary

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



34.8828, 34.1699, 37.5578



35.0568, 39.4503, 42.3281

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.



30.4272, 34.1699, 40.3480



34.8828, 34.1699, 37.5578



30.5448, 34.1699, 33.6573

Square

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



34.8828, 34.1699, 37.5578



32.6003, 34.1699, 30.8770



30.1853, 34.1699, 36.8548



32.3549, 34.1699, 44.3439

Rectangle

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



34.8828, 34.1699, 37.5578



34.1075, 34.1699, 32.4935



30.1853, 34.1699, 36.8548



30.9002, 34.1699, 42.3518

Sweetspot

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



34.8838, 34.1714, 37.5585



68.7268, 71.0328, 77.5813



34.8715, 34.0167, 44.2635



14.8032, 15.2277, 16.6434



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.



34.8838, 34.1714, 37.5585



60.6398, 58.3276, 64.1914



35.0414, 35.2995, 35.1054



8.1004, 8.0534, 8.8396



13.1366, 6.7172, 3.0988



0.3899, 0.1967, 0.2150

Inverse Universe

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



34.8838, 34.1714, 37.5585



60.6398, 58.3276, 64.1914



34.8688, 38.1663, 45.0646



8.1004, 8.0534, 8.8396



13.1366, 6.7172, 3.0988



0.3899, 0.1967, 0.2150

Previews

White Background



This preview shows how the XYZ color 34.8828, 34.1699, 37.5578 looks on a white background.

Color Contrast Check

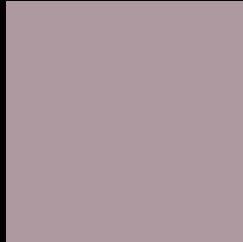
Large Text (above 18pt) WCAG AA × Fail

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 34.8828, 34.1699, 37.5578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

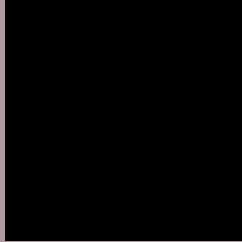
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8828, 34.1699, 37.5578

Background



This preview shows how black text looks on a background with the XYZ color 34.8828, 34.1699, 37.5578.



This preview shows how white text looks on a background with the XYZ color 34.8828, 34.1699,

37.5578.

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

34.8828, 34.1699, 37.5578

Protanopia

32.9872, 34.1607, 38.5733

Deuteranopia

34.8828, 34.1699, 37.5578



Tritanopia

35.3846, 34.1355, 39.8458

Trichromacy



Original Color

34.8828, 34.1699, 37.5578

Protanomaly

33.7507, 34.3143, 38.1022

Deuteranomaly

34.8828, 34.1699, 37.5578

Tritanomaly

35.2054, 34.0638, 38.9019

Monochromacy



Original Color

34.8828, 34.1699, 37.5578

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9192, 34.6513, 38.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8828, 34.1699, 37.5578 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(173, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 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(173, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.8828, 34.1699, 37.5578 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(173, 153, 159) }
```


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

```
.border{ border-color:rgb(173, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8828, 34.1699, 37.5578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 159) }
```

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

```
.background{ background-color: rgb(173,  
153, 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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