

Converting Colors

XYZ(34.1080, 33.8458, 33.9335)

Have a look what the booklet for
XYZ(34.1080, 33.8458, 33.9335)
contains.

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Color

**XYZ(34.2107, 33.9011,
34.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9997
RGB	173, 153, 151
RGB Percent	68%, 60%, 59%
CMY	0.3216, 0.4000, 0.4078
CMYK	0.00, 0.12, 0.13, 0.32
HSL	5°, 12%, 64%
HSV	5°, 13%, 68%
XYZ	34.2107, 33.9011, 34.0186
YIQ	158.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

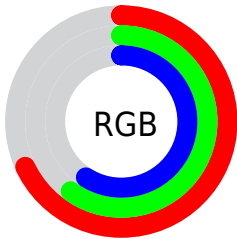
Format	Color
RYB	173, 153, 151
Decimal	11377047
CIELab	64.88, 7.03, 3.74
CIELCh	65, 7.965, 28.039
Yxy	33.9011, 0.3350, 0.3319
Android (android.graphics.Color)	4289567127 (0xFFAD9997)
YUV	158.7520, -3.8217, 12.4955
Hunter-Lab	58.2247, 2.9870, 6.1162

Details

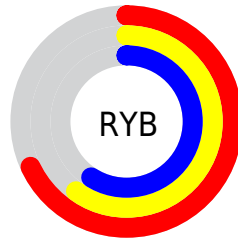
The XYZ color **34.2107, 33.9011, 34.0186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8679, 38.7213, 45.1716**, and the grayscale version is **32.8551, 34.5661, 37.6425**.

A 20% lighter version of the original color is **65.6454, 65.6914, 66.9774**, and **14.7973, 14.4159, 14.0592** is the 20% darker color. If you saturate the color by 10%, you get **30.5014, 28.5682, 26.3517**, and if you desaturate by 10%, it is **38.4673, 39.9979, 42.8860**.

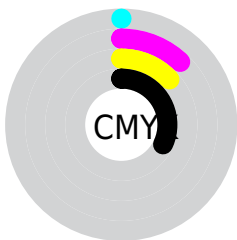
Distribution



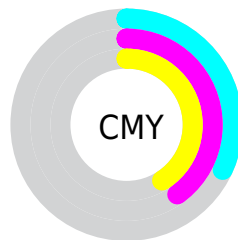
- Red (68%)
- Green (60%)
- Blue (59%)



- Red (68%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (32%)




- Cyan (32%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2107, 33.9011, 34.0186 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 34.2107, 33.9011, 34.0186 by changing the saturation by 10% instead.


 34.2107, 33.9011,
34.0186


 34.2107, 33.9011,
34.0186


312.6399,
319.6908, 334.9867

 23.2192, 22.8176,
22.6304


 65.6033, 65.7798,
67.0968

 14.8770, 14.4589,
14.1181


 86.7351, 87.3439,
89.6239

 8.8189, 8.4405,
8.0632


111.9777,
113.1703, 116.7011

 4.6794, 4.3781,
4.0470

141.6964,
143.6434, 148.7469

 2.0932, 1.8872,
1.6512

176.2566,
179.1476, 186.1798

 0.6855, 0.5407,
0.3270

216.0237,

 0.0000, 0.0000,

220.0673, 229.4183

0.0000

261.3631,
266.7869, 278.8811

■ 34.2107, 33.9011,
34.0186

■ 34.2107, 33.9011,
34.0186

■ 30.5014, 28.5682,
26.3517

■ 38.4673, 39.9979,
42.8860

■ 27.3145, 23.9647,
19.8316

■ 43.2891, 46.8823,
53.0000

■ 24.6272, 20.0603,
14.4037

■ 48.6970, 54.5826,
64.4071

■ 22.4142, 16.8207,
10.0083

■ 54.7096, 63.1243,
77.1507

■ 20.6477, 14.2088,
6.5799

■ 61.3450, 72.5318,
91.2721

■ 19.2972, 12.1839,
4.0453

■ 68.6203, 82.8286,
106.8110

■ 18.3282, 10.7003,
2.3210

■ 71.0437, 87.6243,
107.7765

■ 17.7005, 9.7057,
1.3079

■ 17.4154, 9.2476,
0.8671

Harmonies

Analogous

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



34.4798, 33.9011, 37.1293



34.2107, 33.9011, 34.0186



33.4051, 33.9011, 31.8025

Triad

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



34.2107, 33.9011, 34.0186



30.3845, 33.9011, 33.6649



32.1465, 33.9011, 43.6011

Complementary

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



34.2107, 33.9011, 34.0186



34.8679, 38.7213, 45.1716

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.



31.0671, 33.9011, 42.5426



34.2107, 33.9011, 34.0186



30.0649, 33.9011, 36.6966

Square

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



34.2107, 33.9011, 34.0186



31.1950, 33.9011, 31.6070



30.3119, 33.9011, 39.9661



33.2713, 33.9011, 42.7809

Rectangle

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



34.2107, 33.9011, 34.0186



32.6818, 33.9011, 31.0645



30.3119, 33.9011, 39.9661



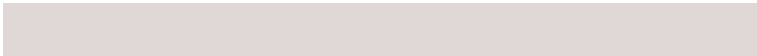
31.7665, 33.9011, 43.4519

Sweetspot

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



34.2116, 33.9026, 34.0193



67.8027, 70.0749, 74.5282



35.6671, 33.9645, 43.2876



14.6081, 15.0472, 15.9316



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.



34.2116, 33.9026, 34.0193



59.4884, 58.1584, 57.2306



36.0655, 37.6102, 34.6373



8.0617, 8.1283, 8.3574



12.8137, 6.8329, 0.6435



0.3749, 0.2269, 0.0240

Inverse Universe

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



34.8679, 38.7213, 45.1716



60.8743, 68.3361, 80.7875



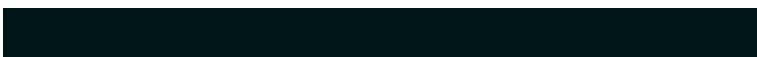
32.9054, 34.7963, 44.5174



8.1731, 8.9455, 10.2486



14.4514, 20.0367, 32.1503



0.4198, 0.5929, 0.9003

Previews

White Background



This preview shows how the XYZ color 34.2107, 33.9011, 34.0186 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 34.2107, 33.9011, 34.0186 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 34.2107, 33.9011, 34.0186

Background



This preview shows how black text looks on a background with the XYZ color 34.2107, 33.9011, 34.0186.



This preview shows how white text looks on a background with the XYZ color 34.2107, 33.9011,

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

34.2107, 33.9011, 34.0186

Protanopia

32.5047, 33.9909, 34.9847

Deuteranopia

34.4933, 33.8048, 33.9851



Tritanopia

35.3567, 33.8915, 39.3286

Trichromacy



Original Color

34.2107, 33.9011, 34.0186

Protanomaly

33.0730, 34.0433, 34.5336

Deuteranomaly

34.2697, 33.6895, 33.9747

Tritanomaly

34.9418, 33.9583, 37.5139

Monochromacy



Original Color

34.2107, 33.9011, 34.0186

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3676, 34.4068, 36.3350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2107, 33.9011, 34.0186 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.2107, 33.9011, 34.0186 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, 151) }
```


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

```
.border{ border-color:rgb(173, 153, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2107, 33.9011, 34.0186 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, 151) }
```

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

```
.background{ background-color: rgb(173,  
153, 151) }
```

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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