

Converting Colors

XYZ(34.2057, 38.0038, 41.7654)

Have a look what the booklet for
XYZ(34.2057, 38.0038, 41.7654)
contains.

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Color

**XYZ(34.0198, 37.8045,
41.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	98A9A6
RGB	152, 169, 166
RGB Percent	60%, 66%, 65%
CMY	0.4039, 0.3372, 0.3490
CMYK	0.10, 0.00, 0.02, 0.34
HSL	169°, 9%, 63%
HSV	169°, 10%, 66%
XYZ	34.0198, 37.8045, 41.5804
YIQ	163.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

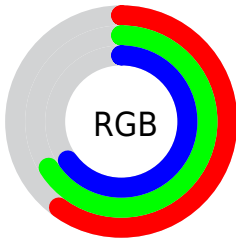
Format	Color
RYB	152, 161, 169
Decimal	10004902
CIELab	67.88, -6.53, -0.49
CIElCh	68, 6.549, 184.269
Yxy	37.8045, 0.3000, 0.3334
Android (android.graphics.Color)	4288194982 (0xFF98A9A6)
YUV	163.5750, 1.1955, -10.1513
Hunter-Lab	61.4854, -8.8355, 2.9440

Details

The XYZ color **34.0198, 37.8045, 41.5804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5082, 33.2590, 35.6656**, and the grayscale version is **35.0833, 36.9103, 40.1953**.

A 20% lighter version of the original color is **65.1604, 71.6536, 78.8028**, and **14.7654, 16.7042, 18.3656** is the 20% darker color. If you saturate the color by 10%, you get **30.8090, 36.1816, 40.0182**, and if you desaturate by 10%, it is **37.6899, 39.6655, 43.1988**.

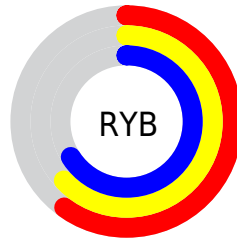
Distribution



Red (60%)

Green (66%)

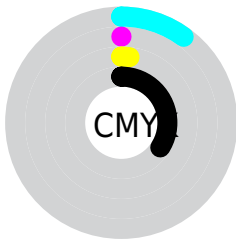
Blue (65%)



Red (60%)

Yellow (63%)

Blue (66%)

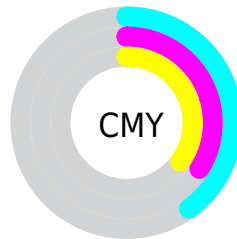


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0198, 37.8045, 41.5804 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 34.0198, 37.8045, 41.5804 by changing the saturation by 10% instead.

■ 34.0198, 37.8045,
41.5804

■ 34.0198, 37.8045,
41.5804

311.8047,
336.7806, 368.4888

■ 23.0718, 25.8310,
28.4498

■ 65.3085, 71.8084,
78.8274

■ 14.7675, 16.6972,
18.4230

■ 86.3800, 94.6076,
103.7808

■ 8.7416, 10.0189,
11.0815

111.5566,
121.7841, 133.5123

■ 4.6288, 5.4115,
6.0068

141.2037,
153.7223, 168.4403

■ 2.0637, 2.4907,
2.7804

175.6867,
190.8067, 208.9834

■ 0.6693, 0.8720,
0.9836

215.3710,

■ 0.0000, 0.0000,

233.4216, 255.5602

0.0000

260.6219,
281.9514, 308.5891

■ 34.0198, 37.8045,
41.5804

■ 34.0198, 37.8045,
41.5804

■ 30.8090, 36.1816,
40.0182

■ 37.6899, 39.6655,
43.1988

■ 28.0352, 34.7822,
38.5086

■ 41.8339, 41.7691,
44.8721

■ 25.6791, 33.5974,
37.0513

■ 46.4697, 44.1255,
46.6019

■ 23.7188, 32.6159,
35.6450

■ 51.6136, 46.7430,
48.3894

■ 22.1301, 31.8253,
34.2884

■ 57.2807, 49.6295,
50.2354

■ 20.8866, 31.2119,
32.9799

■ 63.4859, 52.7927,
52.1408

■ 19.9578, 30.7601,
31.7180

■ 64.3868, 53.2206,
53.8324

■ 19.3082, 30.4514,
30.5008

■ 64.7095, 53.3497,
55.5316

■ 18.8605, 30.2461,
29.3312

■ 65.0388, 53.4814,
57.2660

Harmonies

Analogous

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



34.2016, 37.8045, 38.7823



34.0198, 37.8045, 41.5804



34.3424, 37.8045, 44.3925

Triad

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



34.0198, 37.8045, 41.5804



37.0428, 37.8045, 45.9591



36.7864, 37.8045, 36.3277

Complementary

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



34.0198, 37.8045, 41.5804



33.5082, 33.2590, 35.6656

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.



37.5700, 37.8045, 38.0934



34.0198, 37.8045, 41.5804



37.7199, 37.8045, 43.6385

Square

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



34.0198, 37.8045, 41.5804



36.0776, 37.8045, 46.9950



37.9146, 37.8045, 40.7478



35.7869, 37.8045, 35.8341

Rectangle

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



34.0198, 37.8045, 41.5804



34.8038, 37.8045, 45.8712



37.9146, 37.8045, 40.7478



37.0844, 37.8045, 36.7879

Sweetspot

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



34.0209, 37.8061, 41.5812



65.4426, 69.9934, 76.4854



33.3966, 37.6247, 35.2085



14.1486, 15.1972, 16.6205



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.



34.0209, 37.8061, 41.5812



59.6193, 67.0435, 73.8548



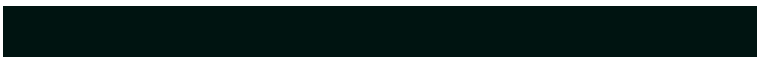
33.3184, 35.9552, 42.7220



7.6898, 8.5090, 9.3529



14.0736, 22.5482, 21.9522



0.3569, 0.5544, 0.6102

Inverse Universe

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



33.5082, 33.2590, 35.6656



58.5207, 57.2997, 61.1789



34.1529, 34.9471, 34.6518



7.5832, 7.5631, 8.1223



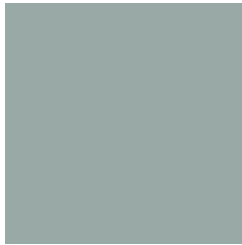
12.3824, 6.3617, 1.5595



0.3164, 0.1608, 0.1178

Previews

White Background



This preview shows how the XYZ color 34.0198, 37.8045, 41.5804 looks on a white background.

Color Contrast Check

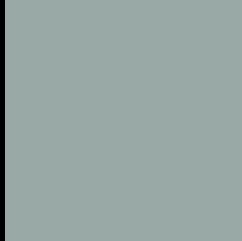
Large Text (above 18pt) WCAG AA × Fail

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 34.0198, 37.8045, 41.5804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

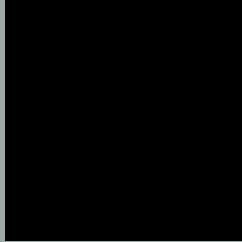
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

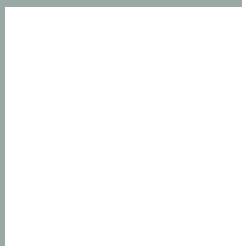
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0198, 37.8045, 41.5804

Background



This preview shows how black text looks on a background with the XYZ color 34.0198, 37.8045, 41.5804.

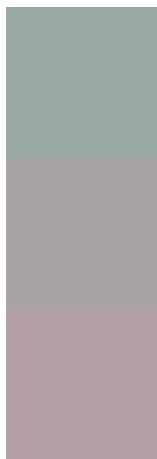


This preview shows how white text looks on a background with the XYZ color 34.0198, 37.8045,

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

34.0198, 37.8045, 41.5804

Protanopia

36.0348, 37.5201, 39.9932

Deuteranopia

38.4611, 37.6721, 42.2901



Tritanopia

35.3834, 37.8027, 48.6118

Trichromacy



Original Color

34.0198, 37.8045, 41.5804

Protanomaly

35.2373, 37.6342, 40.5289

Deuteranomaly

36.6498, 37.5305, 41.8717

Tritanomaly

34.8774, 37.8727, 46.0294

Monochromacy



Original Color

34.0198, 37.8045, 41.5804

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9250, 37.4626, 40.9876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0198, 37.8045, 41.5804 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(152, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 166)  
}
```

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(152, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.0198, 37.8045, 41.5804 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(152, 169, 166) }
```


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

```
.border{ border-color:rgb(152, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0198, 37.8045, 41.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 166) }
```

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

```
.background{ background-color: rgb(152,  
169, 166) }
```

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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