

Converting Colors

XYZ(34.7874, 38.4937, 41.2180)

Have a look what the booklet for
XYZ(34.7874, 38.4937, 41.2180)
contains.

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Color

**XYZ(34.6838, 38.4346,
41.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAAA5
RGB	155, 170, 165
RGB Percent	61%, 67%, 65%
CMY	0.3922, 0.3333, 0.3529
CMYK	0.09, 0.00, 0.03, 0.33
HSL	160°, 8%, 64%
HSV	160°, 9%, 67%
XYZ	34.6838, 38.4346, 41.1879
YIQ	164.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

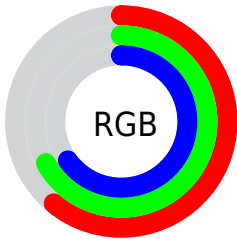
Format	Color
RYB	155, 164, 170
Decimal	10201765
CIELab	68.34, -6.23, 0.77
CIELCh	68, 6.281, 172.963
Yxy	38.4346, 0.3034, 0.3362
Android (android.graphics.Color)	4288391845 (0xFF9BAAA5)
YUV	164.9450, 0.0271, -8.7218
Hunter-Lab	61.9956, -8.6296, 4.0066

Details

The XYZ color **34.6838, 38.4346, 41.1879** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6454, 34.5278, 38.0980**, and the grayscale version is **35.7411, 37.6024, 40.9490**.

A 20% lighter version of the original color is **66.1380, 72.5730, 78.2323**, and **15.1680, 17.0922, 18.1225** is the 20% darker color. If you saturate the color by 10%, you get **31.1437, 36.6690, 38.3888**, and if you desaturate by 10%, it is **38.7083, 40.4494, 44.1307**.

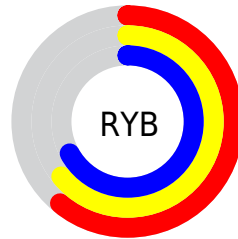
Distribution



Red (61%)

Green (67%)

Blue (65%)



Red (61%)

Yellow (64%)

Blue (67%)

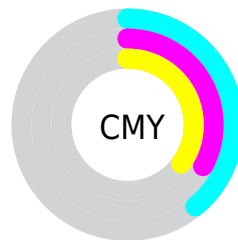


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6838, 38.4346, 41.1879 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 34.6838, 38.4346, 41.1879 by changing the saturation by 10% instead.

■ 34.6838, 38.4346,
41.1879

■ 34.6838, 38.4346,
41.1879

314.7030,
339.4806, 366.8052

■ 23.5848, 26.3202,
28.1451

■ 66.3329, 72.7738,
78.2258

■ 15.1490, 17.0633,
18.1951

■ 87.6137, 95.7673,
103.0580

■ 9.0110, 10.2796,
10.9193

113.0191,
123.1560, 132.6572

■ 4.8055, 5.5848,
5.8991

142.9145,
155.3243, 167.4417

■ 2.1672, 2.5943,
2.7160

177.6652,
192.6564, 207.8303

■ 0.7254, 0.9238,
0.9515

217.6366,

■ 0.0000, 0.0000,

235.5370, 254.2413

0.0000

263.1941,
284.3502, 307.0935

■ 34.6838, 38.4346,
41.1879

■ 34.6838, 38.4346,
41.1879

■ 31.1437, 36.6690,
38.3888

■ 38.7083, 40.4494,
44.1307

■ 28.0654, 35.1378,
35.7283

■ 43.2322, 42.7180,
47.2170

■ 25.4293, 33.8319,
33.2049

■ 48.2740, 45.2507,
50.4500

■ 23.2129, 32.7399,
30.8158

■ 53.8499, 48.0562,
53.8317

■ 21.3920, 31.8493,
28.5584

■ 59.9759, 51.1424,
57.3644

■ 19.9396, 31.1461,
26.4296

■ 65.9258, 54.1350,
61.0156

■ 18.8251, 30.6148,
24.4265

■ 66.5966, 54.4033,
64.5477

■ 18.0130, 30.2369,
22.5455

■ 67.2921, 54.6816,
68.2103

■ 17.4367, 29.9783,
20.7818

■ 68.0127, 54.9698,
72.0048

Harmonies

Analogous

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



35.0403, 38.4346, 38.6667



34.6838, 38.4346, 41.1879



34.8151, 38.4346, 44.0002

Triad

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



34.6838, 38.4346, 41.1879



37.2746, 38.4346, 47.0429



37.6833, 38.4346, 37.6677

Complementary

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



34.6838, 38.4346, 41.1879



34.6454, 34.5278, 38.0980

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.



38.3022, 38.4346, 39.7686



34.6838, 38.4346, 41.1879



38.0633, 38.4346, 45.2007

Square

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



34.6838, 38.4346, 41.1879



36.2995, 38.4346, 47.4646



38.4425, 38.4346, 42.5166



36.7634, 38.4346, 36.6943

Rectangle

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



34.6838, 38.4346, 41.1879



35.1628, 38.4346, 45.6543



38.4425, 38.4346, 42.5166



37.9341, 38.4346, 38.2608

Sweetspot

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



34.6849, 38.4362, 41.1887



67.0323, 71.7872, 77.7774



34.8396, 38.6171, 36.6285



14.8186, 15.9438, 17.2499



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.



34.6849, 38.4362, 41.1887



61.3254, 68.9340, 73.4995



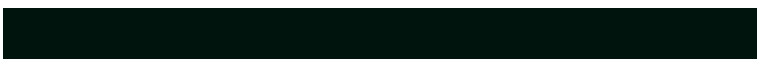
34.7310, 37.7854, 43.4949



7.6396, 8.4889, 9.0883



12.8065, 22.0413, 15.2796



0.3338, 0.5452, 0.4889

Inverse Universe

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



34.6454, 34.5278, 38.0980



61.2361, 60.0775, 66.4964



34.5945, 35.1122, 35.9649



7.6304, 7.5820, 8.3711



12.7558, 6.5110, 3.5254



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 34.6838, 38.4346, 41.1879 looks on a white background.

Color Contrast Check

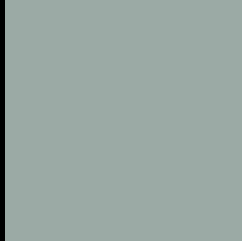
Large Text (above 18pt) WCAG AA × Fail

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 34.6838, 38.4346, 41.1879 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

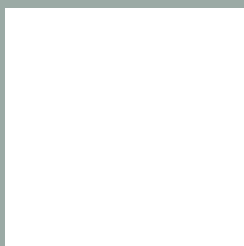
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6838, 38.4346, 41.1879

Background



This preview shows how black text looks on a background with the XYZ color 34.6838, 38.4346, 41.1879.



This preview shows how white text looks on a background with the XYZ color 34.6838, 38.4346,

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

34.6838, 38.4346, 41.1879

Protanopia

36.8246, 38.4628, 40.1335

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

36.4437, 38.6106, 49.2479

Trichromacy



Original Color

34.6838, 38.4346, 41.1879

Protanomaly

36.0366, 38.3171, 40.6186

Deuteranomaly

37.1717, 38.0747, 41.4664

Tritanomaly

35.8305, 38.6392, 46.1271

Monochromacy



Original Color

34.6838, 38.4346, 41.1879

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3082, 37.9311, 41.0578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6838, 38.4346, 41.1879 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(155, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 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(155, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.6838, 38.4346, 41.1879 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(155, 170, 165) }
```


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

```
.border{ border-color:rgb(155, 170, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 170,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6838, 38.4346, 41.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 165) }
```

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

```
.background{ background-color: rgb(155,  
170, 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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