

Converting Colors

XYZ(38.4607, 39.6956, 34.9131)

Have a look what the booklet for
XYZ(38.4607, 39.6956, 34.9131)
contains.

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Color

**XYZ(38.4607, 39.6956,
34.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A797
RGB	181, 167, 151
RGB Percent	71%, 65%, 59%
CMY	0.2902, 0.3451, 0.4078
CMYK	0.00, 0.08, 0.17, 0.29
HSL	32°, 17%, 65%
HSV	32°, 17%, 71%
XYZ	38.4607, 39.6956, 34.9131
YIQ	169.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

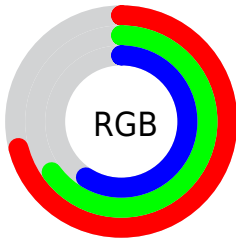
Format	Color
RYB	177, 181, 151
Decimal	11904919
CIELab	69.25, 2.36, 10.10
CIELCh	69, 10.368, 76.850
Yxy	39.6956, 0.3402, 0.3511
Android (android.graphics.Color)	4290094999 (0xFFB5A797)
YUV	169.3620, -9.0525, 10.2065
Hunter-Lab	63.0044, -1.2935, 11.2483

Details

The XYZ color **38.4607, 39.6956, 34.9131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5579, 36.8249, 49.0029**, and the grayscale version is **37.9311, 39.9064, 43.4581**.

A 20% lighter version of the original color is **72.0658, 74.6549, 68.3692**, and **17.3331, 17.7708, 14.5731** is the 20% darker color. If you saturate the color by 10%, you get **35.6056, 36.1598, 27.2575**, and if you desaturate by 10%, it is **41.6447, 43.5273, 43.7927**.

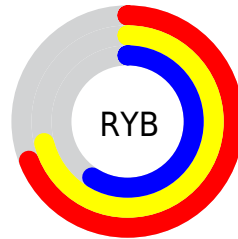
Distribution



Red (71%)

Green (65%)

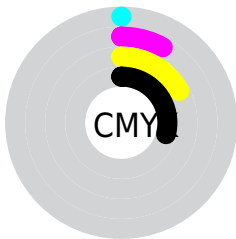
Blue (59%)



Red (69%)

Yellow (71%)

Blue (59%)

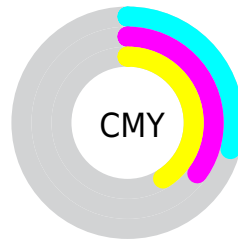


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4607, 39.6956, 34.9131 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 38.4607, 39.6956, 34.9131 by changing the saturation by 10% instead.


 38.4607, 39.6956,
34.9131


 38.4607, 39.6956,
34.9131


330.8389,
344.8389, 339.0772

 26.5193, 27.3013,
23.3129


 72.1131, 74.6998,
68.5012

 17.3472, 17.7996,
14.6173

 94.5548, 98.0784,
91.3261

 10.5792, 10.8062,
8.4076


121.2272,
125.8873, 118.7298

 5.8498, 5.9367,
4.2654

152.4958,
158.5108, 151.1307

 2.7938, 2.8066,
1.7720

188.7260,
196.3333, 188.9473

 1.0457, 1.0316,
0.4094

230.2829,

 0.0000, 0.0000,

239.7392, 232.5982

0.0000

277.5322,
289.1130, 282.5020

■ 38.4607, 39.6956,
34.9131

■ 38.4607, 39.6956,
34.9131

■ 35.6056, 36.1598,
27.2575

■ 41.6447, 43.5273,
43.7927

■ 33.0641, 32.9067,
20.7687

■ 45.1658, 47.6571,
53.9451

■ 30.8241, 29.9297,
15.3888

■ 49.0360, 52.0940,
65.4193

■ 28.8716, 27.2198,
11.0535

■ 53.2656, 56.8451,
78.2610

■ 27.1912, 24.7676,
7.6922

■ 57.8646, 61.9170,
92.5139

■ 25.7657, 22.5627,
5.2254

■ 62.0924, 67.0163,
104.2706

■ 24.5755, 20.5937,
3.5604

■ 64.3340, 71.4995,
105.0178

■ 23.5947, 18.8464,
2.5722

■ 66.6887, 76.2089,
105.8027

■ 23.2900, 18.2914,
2.3031

■ 69.1581, 81.1477,
106.6258

Harmonies

Analogous

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



39.9560, 39.6956, 36.8865



38.4607, 39.6956, 34.9131



36.8113, 39.6956, 35.0458

Triad

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



38.4607, 39.6956, 34.9131



34.7548, 39.6956, 45.9275



40.1077, 39.6956, 49.7836

Complementary

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



38.4607, 39.6956, 34.9131



34.5579, 36.8249, 49.0029

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.



38.6628, 39.6956, 52.5796



38.4607, 39.6956, 34.9131



35.5872, 39.6956, 50.2438

Square

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



38.4607, 39.6956, 34.9131



34.7043, 39.6956, 41.1742



37.0076, 39.6956, 52.7539



40.9256, 39.6956, 45.3361

Rectangle

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



38.4607, 39.6956, 34.9131



35.8464, 39.6956, 36.3082



37.0076, 39.6956, 52.7539



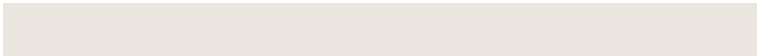
39.6773, 39.6956, 50.9616

Sweetspot

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



38.4618, 39.6974, 34.9139



75.4854, 79.0240, 80.9948



36.9146, 34.6741, 40.3449



16.2244, 16.9726, 17.2477



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.4618, 39.6974, 34.9139



66.8930, 68.6539, 57.1222



40.9325, 44.9857, 35.8045



8.8591, 9.2308, 8.9673



16.1255, 12.7496, 1.6110



0.5651, 0.5166, 0.0699

Inverse Universe

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



34.5579, 36.8249, 49.0029



58.5385, 62.5070, 87.2744



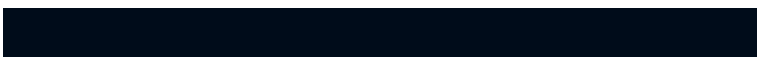
32.3565, 32.1454, 48.2157



8.3579, 8.8619, 10.7763



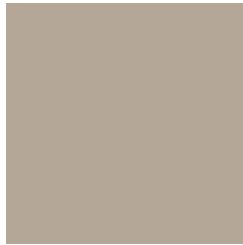
8.0273, 6.8550, 31.0371



0.3111, 0.3328, 0.9961

Previews

White Background



This preview shows how the XYZ color 38.4607, 39.6956, 34.9131 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 38.4607, 39.6956, 34.9131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

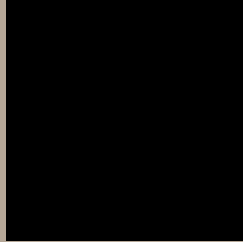
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4607, 39.6956, 34.9131

Background



This preview shows how black text looks on a background with the XYZ color 38.4607, 39.6956, 34.9131.



This preview shows how white text looks on a background with the XYZ color 38.4607, 39.6956,

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

38.4607, 39.6956, 34.9131

Protanopia

37.7600, 39.8730, 35.4119

Deuteranopia

40.5029, 39.6679, 35.2277



Tritanopia

40.7008, 39.5193, 46.5571

Trichromacy



Original Color

38.4607, 39.6956, 34.9131

Protanomaly

38.0302, 39.7372, 35.3714

Deuteranomaly

39.6820, 39.5093, 35.2404

Tritanomaly

39.7789, 39.4082, 42.0692

Monochromacy



Original Color

38.4607, 39.6956, 34.9131

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.7578, 39.4981, 39.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4607, 39.6956, 34.9131 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(181, 167, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 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(181, 167, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.4607, 39.6956, 34.9131 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(181, 167, 151) }
```


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

```
.border{ border-color:rgb(181, 167, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4607, 39.6956, 34.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 151) }
```

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

```
.background{ background-color: rgb(181,  
167, 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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