

Converting Colors

XYZ(38.8328, 38.8522, 34.8669)

Have a look what the booklet for
XYZ(38.8328, 38.8522, 34.8669)
contains.

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Color

**XYZ(38.6907, 38.7430,
34.7171)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A397
RGB	185, 163, 151
RGB Percent	73%, 64%, 59%
CMY	0.2745, 0.3608, 0.4078
CMYK	0.00, 0.12, 0.18, 0.27
HSL	21°, 20%, 66%
HSV	21°, 18%, 73%
XYZ	38.6907, 38.7430, 34.7171
YIQ	168.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

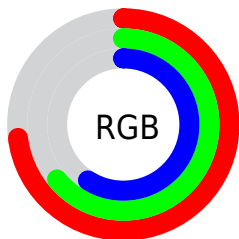
Format	Color
RYB	185, 170, 151
Decimal	12166039
CIELab	68.56, 6.06, 9.17
CIELCh	69, 10.988, 56.544
Yxy	38.7430, 0.3450, 0.3455
Android (android.graphics.Color)	4290356119 (0xFFB9A397)
YUV	168.2100, -8.4845, 14.7248
Hunter-Lab	62.2439, 2.0286, 10.5012

Details

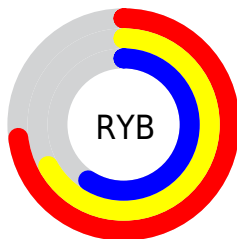
The XYZ color **38.6907, 38.7430, 34.7171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4629, 39.9684, 51.6922**, and the grayscale version is **37.3580, 39.3035, 42.8015**.

A 20% lighter version of the original color is **72.3665, 73.2514, 68.0824**, and **17.5004, 17.1945, 14.4531** is the 20% darker color. If you saturate the color by 10%, you get **35.2793, 34.1388, 26.7401**, and if you desaturate by 10%, it is **42.5411, 43.8473, 44.0046**.

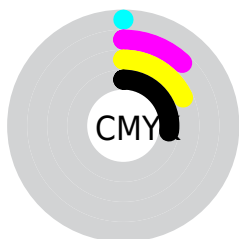
Distribution



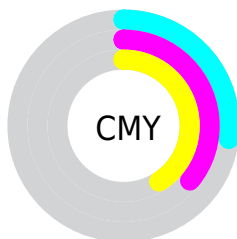
- Red (73%)
- Green (64%)
- Blue (59%)



- Red (73%)
- Yellow (67%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6907, 38.7430, 34.7171 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 38.6907, 38.7430, 34.7171 by changing the saturation by 10% instead.


 38.6907, 38.7430,
34.7171


 38.6907, 38.7430,
34.7171


331.8035,
340.7966, 338.1841

 26.6988, 26.5599,
23.1632


 72.4627, 73.2455,
68.1939

 17.4826, 17.2429,
14.5076


 94.9735, 96.3337,
90.9538

 10.6766, 10.4079,
8.3318

121.7214,
123.8257, 118.2863

 5.9155, 5.6702,
4.2172

153.0716,
156.1059, 150.6097

 2.8339, 2.6456,
1.7452

189.3896,
193.5587, 188.3427

 1.0666, 0.9496,
0.3915

231.0407,

 0.0000, 0.0000,

236.5685, 231.9037

0.0000

278.3902,
285.5197, 281.7113

■ 38.6907, 38.7430,
34.7171

■ 38.6907, 38.7430,
34.7171

■ 35.2793, 34.1388,
26.7401

■ 42.5411, 43.8473,
44.0046

■ 32.2874, 30.0139,
20.0115

■ 46.8430, 49.4613,
54.6559

■ 29.6982, 26.3538,
14.4678

■ 51.6123, 55.6009,
66.7242

■ 27.4928, 23.1412,
10.0390

■ 56.8630, 62.2795,
80.2594

■ 25.6505, 20.3574,
6.6476

■ 62.6085, 69.5102,
95.3087

■ 24.1483, 17.9825,
4.2058

■ 67.7138, 76.8465,
105.8717

■ 22.9599, 15.9945,
2.6112

■ 71.2531, 83.9251,
107.0515

■ 22.0465, 14.3655,
1.6970

■ 73.8177, 89.0544,
107.9063

■ 21.9160, 14.1310,
1.5724

Harmonies

Analogous

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



39.8843, 38.7430, 38.0643



38.6907, 38.7430, 34.7171



37.0252, 38.7430, 33.3625

Triad

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



38.6907, 38.7430, 34.7171



33.5989, 38.7430, 41.6122



38.3324, 38.7430, 51.3050

Complementary

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



38.6907, 38.7430, 34.7171



36.4629, 39.9684, 51.6922

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.



36.6237, 38.7430, 52.4389



38.6907, 38.7430, 34.7171



33.9245, 38.7430, 46.5919

Square

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



38.6907, 38.7430, 34.7171



34.1149, 38.7430, 37.1419



35.0184, 38.7430, 50.6526



39.6730, 38.7430, 47.6641

Rectangle

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



38.6907, 38.7430, 34.7171



35.8839, 38.7430, 33.6864



35.0184, 38.7430, 50.6526



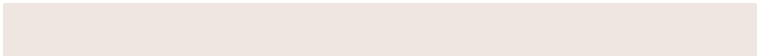
37.7805, 38.7430, 52.0037

Sweetspot

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



38.6917, 38.7447, 34.7179



77.8744, 80.7404, 82.9419



38.6272, 35.4690, 44.3967



16.6847, 17.2703, 17.6263



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.6917, 38.7447, 34.7179



66.7705, 66.0014, 56.2150



41.8950, 45.1512, 35.7857



9.2571, 9.5171, 9.4560



14.9855, 9.7474, 1.0916



0.5877, 0.4626, 0.0583

Inverse Universe

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



36.4629, 39.9684, 51.6922



62.0472, 68.5906, 92.1737



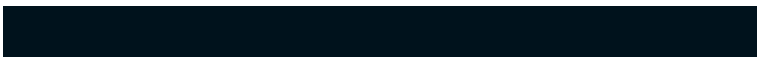
33.4252, 33.8932, 50.6797



8.9927, 9.6626, 11.4705



10.5810, 11.6217, 32.9386



0.4289, 0.5215, 1.1798

Previews

White Background



This preview shows how the XYZ color 38.6907, 38.7430, 34.7171 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 38.6907, 38.7430, 34.7171 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 38.6907, 38.7430, 34.7171

Background



This preview shows how black text looks on a background with the XYZ color 38.6907, 38.7430, 34.7171.



This preview shows how white text looks on a background with the XYZ color 38.6907, 38.7430,

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

38.6907, 38.7430, 34.7171

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.3170, 38.5429, 34.6455



Tritanopia

40.7562, 38.8115, 44.3730

Trichromacy



Original Color

38.6907, 38.7430, 34.7171

Protanomaly

37.6638, 39.0044, 35.2493

Deuteranomaly

39.2453, 38.7664, 34.6924

Tritanomaly

39.9392, 38.7349, 40.4935

Monochromacy



Original Color

38.6907, 38.7430, 34.7171

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6134, 38.8797, 39.7045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6907, 38.7430, 34.7171 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(185, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 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(185, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.6907, 38.7430, 34.7171 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(185, 163, 151) }
```


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

```
.border{ border-color:rgb(185, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6907, 38.7430, 34.7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 151) }
```

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

```
.background{ background-color: rgb(185,  
163, 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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