

Converting Colors

XYZ(38.6176, 41.1720, 34.7658)

Have a look what the booklet for
XYZ(38.6176, 41.1720, 34.7658)
contains.

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Color

**XYZ(38.6176, 41.1720,
34.7658)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B2AC96 |
| RGB | 178, 172, 150 |
| RGB Percent | 70%, 67%, 59% |
| CMY | 0.3020, 0.3255, 0.4118 |
| CMYK | 0.00, 0.03, 0.16, 0.30 |
| HSL | 47°, 15%, 64% |
| HSV | 47°, 16%, 70% |
| XYZ | 38.6176, 41.1720, 34.7658 |
| YIQ | 171.2860, 10.6380, -5.5700 |

Conversions

Conversions Part 2

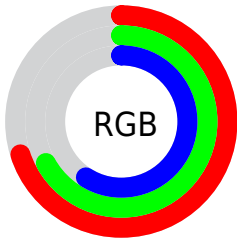
| Format | Color |
|-------------------------------------|--|
| RYB | 158, 178, 150 |
| Decimal | 11709590 |
| CIELab | 70.30, -1.64, 12.09 |
| CIELCh | 70, 12.200, 97.723 |
| Yxy | 41.1720, 0.3371, 0.3594 |
| Android (android.graphics.Color) | 4289899670 (0xFFB2AC96) |
| YUV | 171.2860, -10.4940, 5.8882 |
| Hunter-Lab | 64.1654, -4.8602, 12.7916 |

Details

The XYZ color **38.6176, 41.1720, 34.7658** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5019, 33.4746, 46.8679**, and the grayscale version is **38.9007, 40.9266, 44.5690**.

A 20% lighter version of the original color is **72.2999, 76.7902, 68.1381**, and **17.4260, 18.6938, 14.4942** is the 20% darker color. If you saturate the color by 10%, you get **36.5771, 39.2129, 27.5431**, and if you desaturate by 10%, it is **40.8989, 43.2635, 43.1440**.

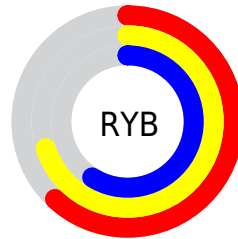
Distribution



Red (70%)

Green (67%)

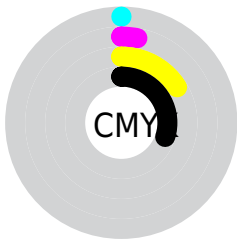
Blue (59%)



Red (62%)

Yellow (70%)

Blue (59%)

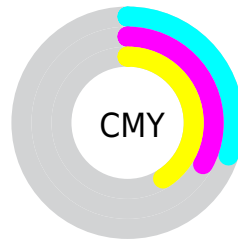


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6176, 41.1720, 34.7658 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 38.6176, 41.1720, 34.7658 by changing the saturation by 10% instead.


 38.6176, 41.1720,
34.7658


 38.6176, 41.1720,
34.7658


331.4972,
351.0390, 338.4062

 26.6418, 28.4535,
23.2004


 72.3516, 76.9449,
68.2702

 17.4395, 18.6678,
14.5349


 94.8405, 100.7681,
91.0464

 10.6456, 11.4305,
8.3506

121.5644,
129.0617, 118.3965

 5.8946, 6.3572,
4.2291

152.8887,
162.2101, 150.7392

 2.8211, 3.0635,
1.7519

189.1788,
200.5976, 188.4930

 1.0599, 1.1650,
0.3959

230.8000,

 0.0000, 0.0328,

244.6086, 232.0764

0.0000

278.1177,
294.6276, 281.9079

0.0000, 0.0000,
0.0000

38.6176, 41.1720,
34.7658

38.6176, 41.1720,
34.7658

36.5771, 39.2129,
27.5431

40.8989, 43.2635,
43.1440

34.7641, 37.3765,
21.4217

43.4271, 45.4859,
52.7234

33.1690, 35.6600,
16.3469

46.2120, 47.8448,
63.5505

31.7801, 34.0584,
12.2582

49.2621, 50.3439,
75.6685

30.5848, 32.5664,
9.0890

52.5852, 52.9866,
89.1185

■ 29.5685, 31.1780,
6.7644

■ 55.8975, 55.6596,
102.4050

■ 28.7146, 29.8861,
5.1977

■ 56.7618, 57.3883,
102.6931

■ 28.0020, 28.6820,
4.2786

■ 57.6481, 59.1609,
102.9886

■ 27.7210, 28.1866,
3.9795

■ 58.5566, 60.9777,
103.2914

Harmonies

Analogous

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



40.6106, 41.1720, 35.3797



38.6176, 41.1720, 34.7658



36.8239, 41.1720, 36.6604

Triad

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



38.6176, 41.1720, 34.7658



36.1655, 41.1720, 51.9205



42.8050, 41.1720, 49.1409

Complementary

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



38.6176, 41.1720, 34.7658



32.5019, 33.4746, 46.8679

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.



41.5362, 41.1720, 54.1296



38.6176, 41.1720, 34.7658



37.6912, 41.1720, 55.8274

Square

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



38.6176, 41.1720, 34.7658



35.4399, 41.1720, 46.3276



39.6525, 41.1720, 56.6685



43.0736, 41.1720, 43.3637

Rectangle

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



38.6176, 41.1720, 34.7658



35.9667, 41.1720, 39.1946



39.6525, 41.1720, 56.6685



42.4793, 41.1720, 50.9797

Sweetspot

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



38.6187, 41.1738, 34.7667



74.4486, 78.7072, 79.2895



35.2733, 33.6808, 36.1246



16.4268, 17.3773, 17.3151



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.



38.6187, 41.1738, 34.7667



68.6509, 73.3595, 58.0961



38.0178, 42.5966, 35.0730



9.0395, 9.5916, 9.0275



19.8816, 20.2618, 2.8631



0.6642, 0.7148, 0.1030

Inverse Universe

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



32.5019, 33.4746, 46.8679



55.3596, 56.6308, 84.3943



33.0302, 32.2900, 46.6114



8.1846, 8.5154, 10.7186



6.2871, 3.3746, 30.4570



0.2402, 0.1909, 0.9724

Previews

White Background



This preview shows how the XYZ color 38.6176, 41.1720, 34.7658 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 38.6176, 41.1720, 34.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

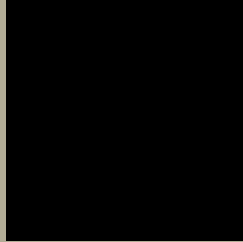
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6176, 41.1720, 34.7658

Background



This preview shows how black text looks on a background with the XYZ color 38.6176, 41.1720, 34.7658.



This preview shows how white text looks on a background with the XYZ color 38.6176, 41.1720,

34.7658.

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

38.6176, 41.1720, 34.7658

Protanopia

38.8903, 41.0311, 34.7242

Deuteranopia

41.9871, 41.2426, 35.0258



Tritanopia

41.6345, 41.2865, 49.4908

Trichromacy



Original Color

38.6176, 41.1720, 34.7658

Protanomaly

38.6583, 40.9115, 34.7134

Deuteranomaly

40.5748, 41.0584, 35.0647

Tritanomaly

40.4997, 41.1020, 43.8291

Monochromacy



Original Color

38.6176, 41.1720, 34.7658

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6293, 40.7688, 40.4835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6176, 41.1720, 34.7658 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(178, 172, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 150)  
}
```

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(178, 172, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.6176, 41.1720, 34.7658 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(178, 172, 150) }
```


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

```
.border{ border-color:rgb(178, 172, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6176, 41.1720, 34.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 150) }
```

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

```
.background{ background-color: rgb(178,  
172, 150) }
```

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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