

Converting Colors

XYZ(49.6695, 52.0152, 49.1302)

Have a look what the booklet for
XYZ(49.6695, 52.0152, 49.1302)
contains.

XYZ(49.6380, 52.0070, 49.0171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.6380, 52.0070,
49.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BEB1
RGB	198, 190, 177
RGB Percent	78%, 75%, 69%
CMY	0.2235, 0.2549, 0.3059
CMYK	0.00, 0.04, 0.11, 0.22
HSL	37°, 16%, 74%
HSV	37°, 11%, 78%
XYZ	49.6380, 52.0070, 49.0171
YIQ	190.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

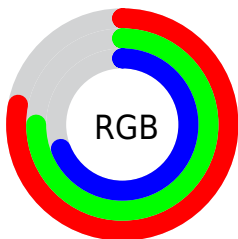
Format	Color
RYB	190, 198, 177
Decimal	13024945
CIELab	77.29, 0.56, 7.55
CIELCh	77, 7.575, 85.758
Yxy	52.0070, 0.3295, 0.3452
Android (android.graphics.Color)	4291215025 (0xFFC6BEB1)
YUV	190.9100, -6.8576, 6.2179
Hunter-Lab	72.1159, -3.3397, 10.1818

Details

The XYZ color **49.6380, 52.0070, 49.0171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6734, 48.1215, 60.3078**, and the grayscale version is **49.5052, 52.0833, 56.7187**.

A 20% lighter version of the original color is **88.9037, 93.0547, 90.3664**, and **24.0854, 25.2758, 22.6781** is the 20% darker color. If you saturate the color by 10%, you get **46.2154, 48.0939, 38.8357**, and if you desaturate by 10%, it is **53.4344, 56.2082, 60.7371**.

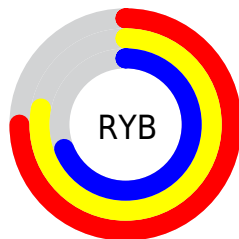
Distribution



Red (78%)

Green (75%)

Blue (69%)



Red (75%)

Yellow (78%)

Blue (69%)

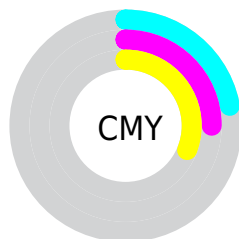


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6380, 52.0070, 49.0171 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 49.6380, 52.0070, 49.0171 by changing the saturation by 10% instead.

■ 49.6380, 52.0070,
49.0171

■ 49.6380, 52.0070,
49.0171

375.7240,
394.4636, 399.4340

■ 35.3425, 37.0107,
34.2673

■ 88.8333, 93.1416,
90.0981

■ 24.0946, 25.2157,
22.8200

114.4638,
120.0486, 117.2664

■ 15.5289, 16.2379,
14.2566

144.6034,
151.6946, 149.4114

■ 9.2801, 9.6926,
8.1586

179.6173,
188.4640, 186.9514

■ 4.9829, 5.1956,
4.1074

219.8710,
230.7412, 230.3052

■ 2.2719, 2.3625,
1.6844

265.7298,

■ 0.7802, 0.8065,

278.9106, 279.8912

0.3500

317.5590,
333.3566, 336.1280

0.0000, 0.0000,
0.0000

49.6380, 52.0070,
49.0171

49.6380, 52.0070,
49.0171

46.2154, 48.0939,
38.8357

53.4344, 56.2082,
60.7371

43.1487, 44.4547,
30.1245

57.6129, 60.6977,
74.0536

40.4249, 41.0837,
22.8148

62.1873, 65.4846,
89.0254

38.0285, 37.9726,
16.8312

66.9749, 70.4977,
104.6852

35.9424, 35.1124,
12.0909

69.0005, 74.5490,
105.3604

■ 34.1478, 32.4934,
8.5019

■ 71.1165, 78.7810,
106.0658

■ 32.6235, 30.1048,
5.9592

■ 73.3241, 83.1961,
106.8016

■ 31.3445, 27.9342,
4.3382

■ 75.6243, 87.7965,
107.5683

■ 30.3232, 26.0744,
3.4346

■ 77.0990, 90.7459,
108.0599

Harmonies

Analogous

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



51.0197, 52.0070, 50.2672



49.6380, 52.0070, 49.0171



48.2270, 52.0070, 49.7226

Triad

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



49.6380, 52.0070, 49.0171



46.9576, 52.0070, 60.1752



51.7766, 52.0070, 61.2489

Complementary

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



49.6380, 52.0070, 49.0171



45.6734, 48.1215, 60.3078

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.



50.6551, 52.0070, 64.1422



49.6380, 52.0070, 49.0171



47.8758, 52.0070, 63.5013

Square

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



49.6380, 52.0070, 49.0171



46.6972, 52.0070, 56.0371



49.2248, 52.0070, 64.9859



52.2696, 52.0070, 57.2206

Rectangle

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



49.6380, 52.0070, 49.0171



47.4567, 52.0070, 51.2264



49.2248, 52.0070, 64.9859



51.4595, 52.0070, 62.3940

Sweetspot

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



49.6394, 52.0093, 49.0182



92.9203, 97.6725, 102.2344



47.7738, 46.9557, 52.4727



19.7692, 20.7745, 21.5105



0.0000, 0.0000, 0.0000



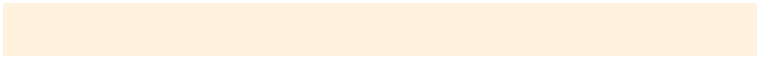
20.3446, 21.4041, 23.3091

Same Dimension

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



49.6394, 52.0093, 49.0182



86.2692, 90.2549, 81.8759



50.7786, 55.2387, 49.5815



11.1716, 11.7123, 11.2346



19.8044, 17.1261, 2.2619



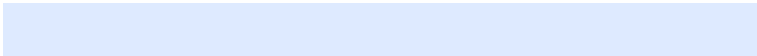
1.0061, 0.9476, 0.1299

Inverse Universe

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



45.6734, 48.1215, 60.3078



77.6859, 81.8411, 106.3102



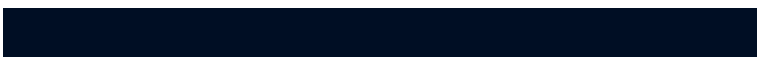
44.6105, 45.1597, 59.7922



10.3822, 10.9384, 13.4816



8.3592, 6.1124, 35.4836



0.4655, 0.4288, 1.7034

Previews

White Background



This preview shows how the XYZ color 49.6380, 52.0070, 49.0171 looks on a white background.

Color Contrast Check

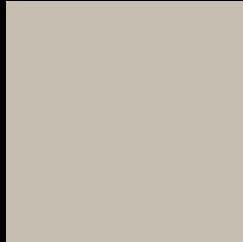
Large Text (above 18pt) WCAG AA × Fail

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 49.6380, 52.0070, 49.0171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

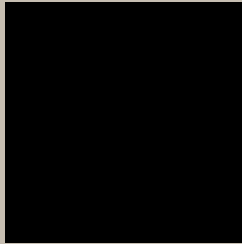
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

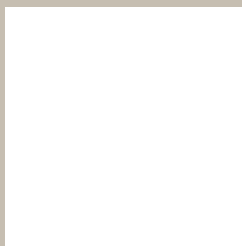
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6380, 52.0070, 49.0171

Background



This preview shows how black text looks on a background with the XYZ color 49.6380, 52.0070, 49.0171.

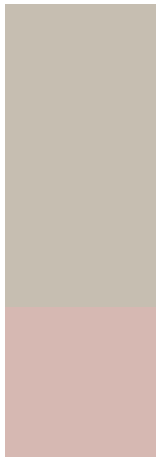


This preview shows how white text looks on a background with the XYZ color 49.6380, 52.0070,

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

49.6380, 52.0070, 49.0171

Protanopia

49.6380, 52.0070, 49.0171

Deuteranopia

52.9079, 51.7915, 49.3277



Tritanopia

52.1889, 51.7524, 62.4969

Trichromacy



Original Color

49.6380, 52.0070, 49.0171

Protanomaly

49.6380, 52.0070, 49.0171

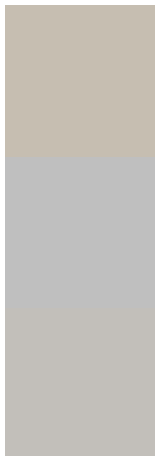
Deuteranomaly

51.6072, 51.7421, 49.3867

Tritanomaly

51.1042, 51.6258, 57.1405

Monochromacy



Original Color

49.6380, 52.0070, 49.0171

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.7419, 52.2761, 53.9230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6380, 52.0070, 49.0171 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(198, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 177)  
}
```

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(198, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 177) }
```

Border

The CSS property to change the border of an element to XYZ 49.6380, 52.0070, 49.0171 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(198, 190, 177) }
```


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

```
.border{ border-color:rgb(198, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6380, 52.0070, 49.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 177) }
```

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

```
.background{ background-color: rgb(198,  
190, 177) }
```

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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