

Converting Colors

XYZ(48.3082, 49.9581, 52.9957)

Have a look what the booklet for
XYZ(48.3082, 49.9581, 52.9957)
contains.

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Color

**XYZ(48.3082, 49.9581,
52.9957)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BAB9
RGB	193, 186, 185
RGB Percent	76%, 73%, 73%
CMY	0.2431, 0.2706, 0.2745
CMYK	0.00, 0.04, 0.04, 0.24
HSL	8°, 6%, 74%
HSV	8°, 4%, 76%
XYZ	48.3082, 49.9581, 52.9957
YIQ	187.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

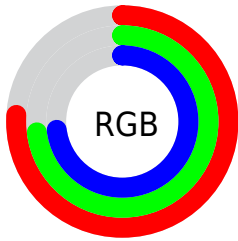
Format	Color
R_{YB}	193, 186, 185
Decimal	12696249
CIE Lab	76.04, 2.28, 1.37
CIE LCh	76, 2.664, 31.029
Yxy	49.9581, 0.3194, 0.3303
Android (android.graphics.Color)	4290886329 (0xFFC1BAB9)
YUV	187.9790, -1.4686, 4.4034
Hunter-Lab	70.6810, -1.6929, 5.0219

Details

The XYZ color **48.3082, 49.9581, 52.9957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4828, 51.8630, 57.9079**, and the grayscale version is **47.7956, 50.2846, 54.7600**.

A 20% lighter version of the original color is **86.6962, 89.9949, 96.0205**, and **23.3676, 24.0164, 25.2338** is the 20% darker color. If you saturate the color by 10%, you get **43.0595, 42.5025, 41.8672**, and if you desaturate by 10%, it is **54.2564, 58.3688, 65.7232**.

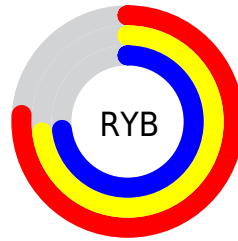
Distribution



Red (76%)

Green (73%)

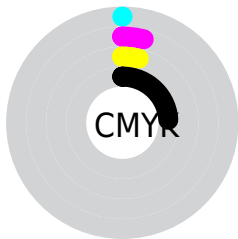
Blue (73%)



Red (76%)

Yellow (73%)

Blue (73%)

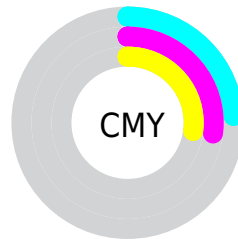


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3082, 49.9581, 52.9957 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 48.3082, 49.9581, 52.9957 by changing the saturation by 10% instead.

■ 48.3082, 49.9581,
52.9957

■ 48.3082, 49.9581,
52.9957

370.5747,
386.5021, 415.3345

■ 34.2833, 35.3801,
37.4116

■ 86.8700, 90.1128,
96.0395

■ 23.2752, 23.9558,
25.2281

112.1377,
116.4583, 124.3364

■ 14.9187, 15.3009,
16.0265

141.8836,
147.4951, 157.7079

■ 8.8483, 9.0308,
9.3883

176.4731,
183.6075, 196.5726

■ 4.6987, 4.7613,
4.8951

216.2716,
225.1801, 241.3491

■ 2.1045, 2.1079,
2.1282

261.6445,

■ 0.6917, 0.6691,

272.5971, 292.4559

0.6325

312.9571,
326.2429, 350.3115

■ 0.0000, 0.0000,
0.0000

■ 48.3082, 49.9581,
52.9957

■ 48.3082, 49.9581,
52.9957

■ 43.0595, 42.5025,
41.8672

■ 54.2564, 58.3688,
65.7232

■ 38.4805, 35.9620,
32.2712

■ 60.9242, 67.7599,
80.1059

■ 34.5453, 30.3032,
24.1416

■ 68.3361, 78.1641,
96.2017

■ 31.2249, 25.4882,
17.4059

■ 75.3327, 89.1378,
107.8426

■ 28.4879, 21.4766,
11.9856

■ 75.8026, 90.0776,
107.9992

■ 26.3003, 18.2243,
7.7944

■ 24.6243, 15.6832,
4.7357

■ 23.4173, 13.7996,
2.6983

■ 22.6294, 12.5118,
1.5481

Harmonies

Analogous

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



48.4467, 49.9581, 54.3467



48.3082, 49.9581, 52.9957



47.9486, 49.9581, 52.0339

Triad

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



48.3082, 49.9581, 52.9957



46.6516, 49.9581, 53.0795



47.5009, 49.9581, 57.1816

Complementary

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



48.3082, 49.9581, 52.9957



48.4828, 51.8630, 57.9079

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.



47.0218, 49.9581, 56.8283



48.3082, 49.9581, 52.9957



46.5335, 49.9581, 54.4451

Square

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



48.3082, 49.9581, 52.9957



46.9922, 49.9581, 52.0817



46.6686, 49.9581, 55.8205



47.9785, 49.9581, 56.7777

Rectangle

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



48.3082, 49.9581, 52.9957



47.6330, 49.9581, 51.7341



46.6686, 49.9581, 55.8205



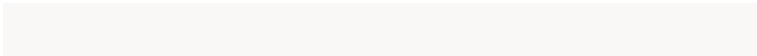
47.3347, 49.9581, 57.1474

Sweetspot

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



48.3096, 49.9603, 52.9968



89.7187, 94.0051, 101.7366



48.8638, 49.8449, 56.9542



19.2591, 20.1834, 21.8504



92.9021, 97.7402, 106.4391



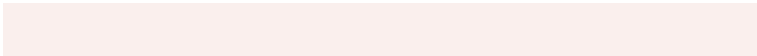
19.4759, 20.4902, 22.3138

Same Dimension

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



48.3096, 49.9603, 52.9968



85.5922, 88.1605, 92.9368



49.1490, 51.6390, 53.2766



10.6223, 10.9150, 11.4639



14.8803, 8.0464, 0.7688



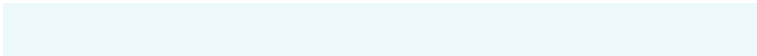
0.6771, 0.4161, 0.0446

Inverse Universe

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



48.4828, 51.8630, 57.9079



85.9698, 92.3097, 103.6468



47.6314, 50.1602, 57.6242



10.6743, 11.4866, 12.9394



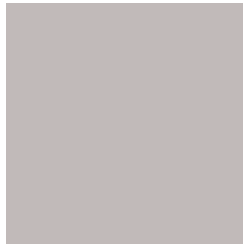
15.8533, 21.4630, 36.8638



0.7158, 0.9890, 1.6030

Previews

White Background



This preview shows how the XYZ color 48.3082, 49.9581, 52.9957 looks on a white background.

Color Contrast Check

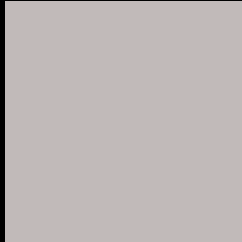
Large Text (above 18pt) WCAG AA × Fail

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 48.3082, 49.9581, 52.9957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

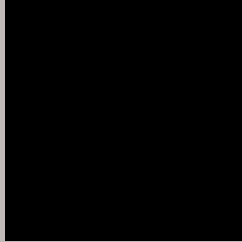
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

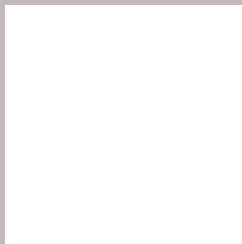
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3082, 49.9581, 52.9957

Background



This preview shows how black text looks on a background with the XYZ color 48.3082, 49.9581, 52.9957.

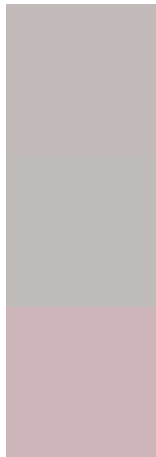


This preview shows how white text looks on a background with the XYZ color 48.3082, 49.9581,

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

48.3082, 49.9581, 52.9957

Protanopia

48.0131, 50.1198, 53.0425

Deuteranopia

50.8404, 49.7147, 53.3707



Tritanopia

49.8392, 49.9603, 60.4426

Trichromacy



Original Color

48.3082, 49.9581, 52.9957

Protanomaly

48.2655, 50.2499, 53.0543

Deuteranomaly

49.8838, 49.8297, 53.4433

Tritanomaly

49.2227, 50.0175, 57.5121

Monochromacy



Original Color

48.3082, 49.9581, 52.9957

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9752, 50.0757, 54.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3082, 49.9581, 52.9957 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(193, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 185)  
}
```

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(193, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.3082, 49.9581, 52.9957 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(193, 186, 185) }
```


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

```
.border{ border-color:rgb(193, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3082, 49.9581, 52.9957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 185) }
```

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

```
.background{ background-color: rgb(193,  
186, 185) }
```

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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