

Converting Colors

XYZ(49.0110, 50.3431, 53.0312)

Have a look what the booklet for
XYZ(49.0110, 50.3431, 53.0312)
contains.

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Color

**XYZ(49.0808, 50.3564,
53.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BAB9
RGB	196, 186, 185
RGB Percent	77%, 73%, 73%
CMY	0.2314, 0.2706, 0.2745
CMYK	0.00, 0.05, 0.06, 0.23
HSL	5°, 9%, 75%
HSV	5°, 6%, 77%
XYZ	49.0808, 50.3564, 53.0319
YIQ	188.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

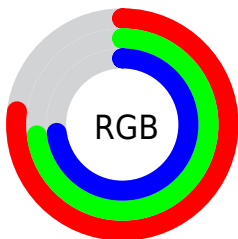
Format	Color
R_{YB}	196, 186, 185
Decimal	12892857
CIE _{Lab}	76.29, 3.35, 1.76
CIE _{LCh}	76, 3.781, 27.710
Yxy	50.3564, 0.3219, 0.3303
Android (android.graphics.Color)	4291082937 (0xFFC4BAB9)
YUV	188.8760, -1.9109, 6.2477
Hunter-Lab	70.9622, -0.7250, 5.3646

Details

The XYZ color **49.0808, 50.3564, 53.0319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4863, 53.3290, 59.9104**, and the grayscale version is **48.3082, 50.8240, 55.3473**.

A 20% lighter version of the original color is **88.1373, 90.7378, 96.0879**, and **23.7077, 24.1918, 25.2497** is the 20% darker color. If you saturate the color by 10%, you get **43.6316, 42.5437, 41.7012**, and if you desaturate by 10%, it is **55.2859, 59.2231, 66.0230**.

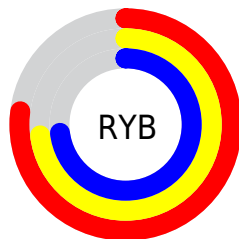
Distribution



Red (77%)

Green (73%)

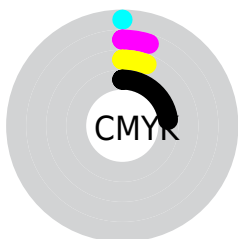
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

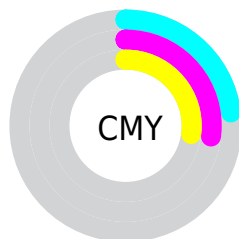


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0808, 50.3564, 53.0319 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 49.0808, 50.3564, 53.0319 by changing the saturation by 10% instead.

■ 49.0808, 50.3564,
53.0319

■ 49.0808, 50.3564,
53.0319

373.5720,
388.0581, 415.4773

■ 34.8984, 35.6967,
37.4403

■ 88.0114, 90.7027,
96.0933

■ 23.7508, 24.2000,
25.2502

113.4904,
117.1581, 124.4003

■ 15.2726, 15.4821,
16.0428

143.4655,
148.3141, 157.7828

■ 9.0985, 9.1584,
9.3998

178.3023,
184.5552, 196.6593

■ 4.8631, 4.8446,
4.9025

218.3659,
226.2657, 241.4485

■ 2.2011, 2.1564,
2.1324

264.0219,

■ 0.7433, 0.6961,

273.8301, 292.5689

0.6350

315.6354,
327.6328, 350.4390

■ 0.0000, 0.0000,
0.0000

■ 49.0808, 50.3564,
53.0319

■ 49.0808, 50.3564,
53.0319

■ 43.6316, 42.5437,
41.7012

■ 55.2859, 59.2231,
66.0230

■ 38.9053, 35.7395,
31.9610

■ 62.2699, 69.1742,
80.7344

■ 34.8727, 29.9047,
23.7410

■ 70.0599, 80.2469,
97.2268

■ 31.5011, 24.9952,
16.9644

■ 76.5752, 90.4759,
108.0354

■ 28.7551, 20.9633,
11.5478

■ 26.5960, 17.7572,
7.3992

■ 24.9805, 15.3195,
4.4151

■ 23.8597, 13.5857,
2.4760

■ 23.1750, 12.4802,
1.4344

Harmonies

Analogous

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



49.2390, 50.3564, 54.9859



49.0808, 50.3564, 53.0319



48.5951, 50.3564, 51.5910

Triad

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



49.0808, 50.3564, 53.0319



46.7177, 50.3564, 52.7678



47.8077, 50.3564, 58.8289

Complementary

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



49.0808, 50.3564, 53.0319



49.4863, 53.3290, 59.9104

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.



47.1368, 50.3564, 58.2009



49.0808, 50.3564, 53.0319



46.5114, 50.3564, 54.6735

Square

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



49.0808, 50.3564, 53.0319



47.2304, 50.3564, 51.4412



46.6640, 50.3564, 56.6674



48.4997, 50.3564, 58.3635

Rectangle

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



49.0808, 50.3564, 53.0319



48.1534, 50.3564, 51.0982



46.6640, 50.3564, 56.6674



47.5723, 50.3564, 58.7383

Sweetspot

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



49.0822, 50.3586, 53.0330



92.7789, 96.7543, 104.1458



49.9743, 50.3783, 58.7698



19.8823, 20.7434, 22.3413



0.0000, 0.0000, 0.0000



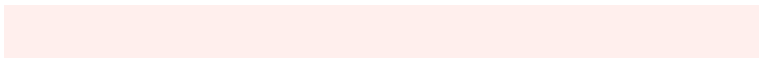
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0822, 50.3586, 53.0330



87.3497, 88.9866, 92.8080



50.2443, 52.6828, 53.4204



10.3725, 10.5476, 10.9730



14.7935, 7.8728, 0.7399



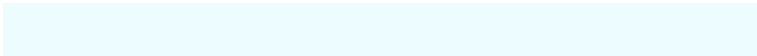
0.6648, 0.3915, 0.0405

Inverse Universe

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



49.4863, 53.3290, 59.9104



88.2678, 95.7357, 108.4344



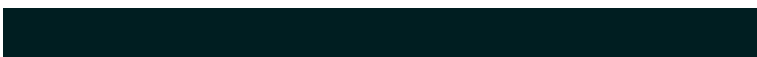
48.2954, 50.9472, 59.5134



10.4875, 11.3933, 12.9312



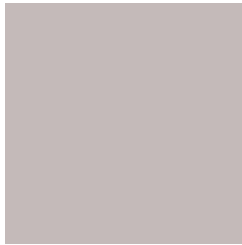
16.6801, 23.1167, 37.1394



0.7441, 1.0456, 1.6125

Previews

White Background



This preview shows how the XYZ color 49.0808, 50.3564, 53.0319 looks on a white background.

Color Contrast Check

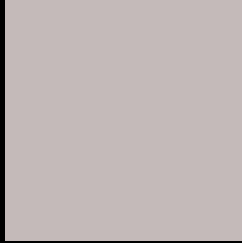
Large Text (above 18pt) WCAG AA × Fail

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 49.0808, 50.3564, 53.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

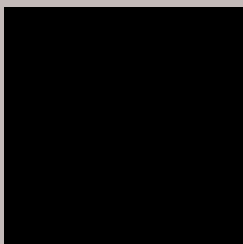
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

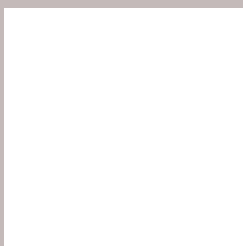
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0808, 50.3564, 53.0319

Background



This preview shows how black text looks on a background with the XYZ color 49.0808, 50.3564, 53.0319.

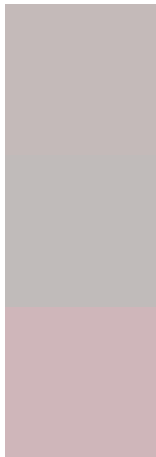


This preview shows how white text looks on a background with the XYZ color 49.0808, 50.3564,

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

49.0808, 50.3564, 53.0319

Protanopia

48.3715, 50.2923, 53.6123

Deuteranopia

51.3230, 50.2665, 53.4518



Tritanopia

50.6222, 50.3640, 60.4792

Trichromacy



Original Color

49.0808, 50.3564, 53.0319

Protanomaly

48.6256, 50.4233, 53.6242

Deuteranomaly

50.4250, 50.1087, 53.4686

Tritanomaly

50.0006, 50.4185, 57.5485

Monochromacy



Original Color

49.0808, 50.3564, 53.0319

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7985, 50.8037, 54.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0808, 50.3564, 53.0319 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(196, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.0808, 50.3564, 53.0319 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(196, 186, 185) }
```


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

```
.border{ border-color:rgb(196, 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(196, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0808, 50.3564, 53.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 185) }
```

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

```
.background{ background-color: rgb(196,  
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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