

Converting Colors

XYZ(49.0920, 49.9351, 52.9602)

Have a look what the booklet for
XYZ(49.0920, 49.9351, 52.9602)
contains.

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Color

**XYZ(49.1319, 50.0710,
52.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9B9
RGB	197, 185, 185
RGB Percent	77%, 73%, 73%
CMY	0.2274, 0.2745, 0.2745
CMYK	0.00, 0.06, 0.06, 0.23
HSL	0°, 9%, 75%
HSV	0°, 6%, 77%
XYZ	49.1319, 50.0710, 52.9741
YIQ	188.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

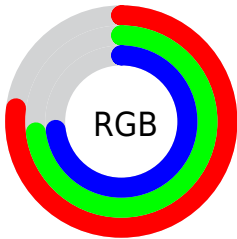
Format	Color
R_{YB}	197, 185, 185
Decimal	12958137
CIE Lab	76.11, 4.24, 1.51
CIE LCh	76, 4.502, 19.656
Yxy	50.0710, 0.3229, 0.3290
Android (android.graphics.Color)	4291148217 (0xFFC5B9B9)
YUV	188.5880, -1.7689, 7.3773
Hunter-Lab	70.7609, 0.1077, 5.1460

Details

The XYZ color **49.1319, 50.0710, 52.9741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0519, 54.2773, 60.6626**, and the grayscale version is **48.1426, 50.6498, 55.1576**.

A 20% lighter version of the original color is **88.2055, 90.3323, 96.0060**, and **23.7438, 24.0081, 25.2124** is the 20% darker color. If you saturate the color by 10%, you get **43.3564, 41.6203, 41.4896**, and if you desaturate by 10%, it is **55.7692, 59.7828, 66.1687**.

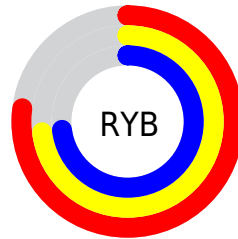
Distribution



Red (77%)

Green (73%)

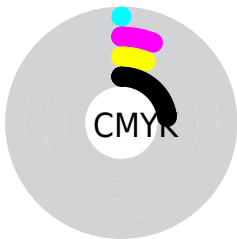
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

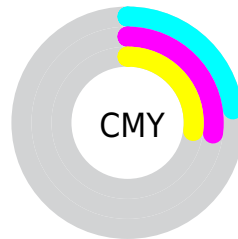


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1319, 50.0710, 52.9741 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 49.1319, 50.0710, 52.9741 by changing the saturation by 10% instead.

■ 49.1319, 50.0710,
52.9741

■ 49.1319, 50.0710,
52.9741

373.7697,
386.9435, 415.2492

■ 34.9391, 35.4698,
37.3945

■ 88.0869, 90.2801,
96.0074

■ 23.7823, 24.0250,
25.2149

113.5797,
116.6567, 124.2982

■ 15.2960, 15.3522,
16.0168

143.5700,
147.7274, 157.6632

■ 9.1151, 9.0669,
9.3815

178.4230,
183.8763, 196.5208

■ 4.8740, 4.7849,
4.8907

218.5041,
225.4880, 241.2897

■ 2.2075, 2.1216,
2.1256

264.1787,

■ 0.7467, 0.6767,

272.9469, 292.3884

0.6310

315.8121,
326.6372, 350.2354

■ 0.0000, 0.0000,
0.0000

■ 49.1319, 50.0710,
52.9741

■ 49.1319, 50.0710,
52.9741

■ 43.3564, 41.6203,
41.4896

■ 55.7692, 59.7828,
66.1687

■ 38.4033, 34.3727,
31.6423

■ 63.2971, 70.7975,
81.1361

■ 34.2365, 28.2757,
23.3585

■ 71.7483, 83.1631,
97.9395

■ 30.8156, 23.2699,
16.5579

■ 76.8363, 90.6105,
108.0476

■ 28.0966, 19.2912,
11.1530

■ 26.0309, 16.2682,
7.0470

■ 24.5636, 14.1209,
4.1309

■ 23.6310, 12.7560,
2.2780

■ 23.1526, 12.0556,
1.3278

Harmonies

Analogous

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



49.2014, 50.0710, 55.3556



49.1319, 50.0710, 52.9741



48.6467, 50.0710, 51.0609

Triad

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



49.1319, 50.0710, 52.9741



46.3677, 50.0710, 51.5720



47.3009, 50.0710, 59.2083

Complementary

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



49.1319, 50.0710, 52.9741



50.0519, 54.2773, 60.6626

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.



46.5506, 50.0710, 58.1294



49.1319, 50.0710, 52.9741



46.0161, 50.0710, 53.6905

Square

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



49.1319, 50.0710, 52.9741



47.0485, 50.0710, 50.2681



46.0826, 50.0710, 56.0933



48.1376, 50.0710, 59.0027

Rectangle

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



49.1319, 50.0710, 52.9741



48.1560, 50.0710, 50.2861



46.0826, 50.0710, 56.0933



47.0304, 50.0710, 58.9826

Sweetspot

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



49.1333, 50.0732, 52.9752



92.6346, 96.4658, 104.0977



50.4537, 50.6002, 59.9317



19.8529, 20.6847, 22.3315



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.



49.1333, 50.0732, 52.9752



86.8770, 88.0413, 92.6505



50.4145, 52.6355, 53.4022



10.8883, 11.0092, 11.5608



15.1457, 7.8086, 0.7089



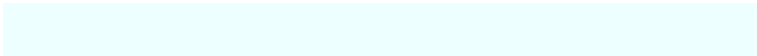
0.7172, 0.3699, 0.0336

Inverse Universe

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



50.0519, 54.2773, 60.6626



88.7836, 96.7672, 108.6063



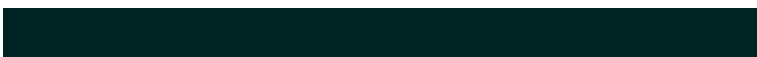
48.7172, 51.6079, 60.2177



11.1413, 12.1676, 13.6789



19.7536, 28.9011, 39.2817



0.9354, 1.3686, 1.8600

Previews

White Background



This preview shows how the XYZ color 49.1319, 50.0710, 52.9741 looks on a white background.

Color Contrast Check

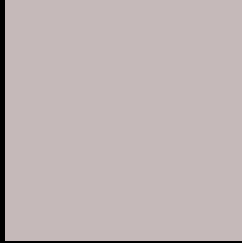
Large Text (above 18pt) WCAG AA × Fail

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 49.1319, 50.0710, 52.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

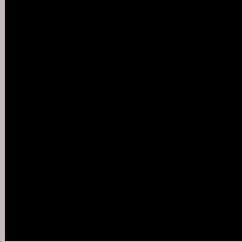
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1319, 50.0710, 52.9741

Background



This preview shows how black text looks on a background with the XYZ color 49.1319, 50.0710, 52.9741.



This preview shows how white text looks on a background with the XYZ color 49.1319, 50.0710,

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

49.1319, 50.0710, 52.9741

Protanopia

48.1191, 50.1622, 53.6005

Deuteranopia

51.0445, 50.1229, 53.4387



Tritanopia

50.5647, 50.0403, 59.8170

Trichromacy



Original Color

49.1319, 50.0710, 52.9741

Protanomaly

48.4142, 50.0004, 53.5537

Deuteranomaly

50.4250, 50.1087, 53.4686

Tritanomaly

50.0548, 50.1370, 57.4913

Monochromacy



Original Color

49.1319, 50.0710, 52.9741

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 49.1319, 50.0710, 52.9741 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(197, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 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(197, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.1319, 50.0710, 52.9741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

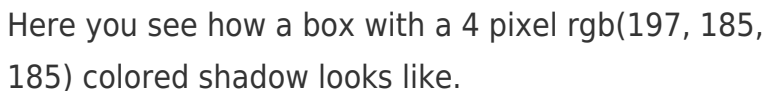
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 185) }
```


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

```
.border{ border-color:rgb(197, 185, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 185, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 185, 185); box-shadow:4px 4px 4px 4px rgb(197, 185, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1319, 50.0710, 52.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 185) }
```

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

```
.background{ background-color: rgb(197,  
185, 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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