

Converting Colors

XYZ(49.1459, 51.0914, 49.9192)

Have a look what the booklet for
XYZ(49.1459, 51.0914, 49.9192)
contains.

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Color

**XYZ(49.1459, 51.0914,
49.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BCB3
RGB	197, 188, 179
RGB Percent	77%, 74%, 70%
CMY	0.2274, 0.2627, 0.2980
CMYK	0.00, 0.05, 0.09, 0.23
HSL	30°, 13%, 74%
HSV	30°, 9%, 77%
XYZ	49.1459, 51.0914, 49.9192
YIQ	189.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

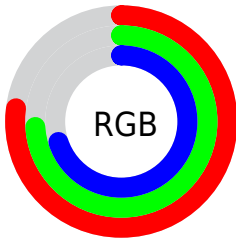
Format	Color
RYB	197, 197, 179
Decimal	12958899
CIELab	76.73, 1.60, 5.67
CIELCh	77, 5.891, 74.252
Yxy	51.0914, 0.3273, 0.3403
Android (android.graphics.Color)	4291148979 (0xFFC5BCB3)
YUV	189.6650, -5.2578, 6.4328
Hunter-Lab	71.4782, -2.3567, 8.6276

Details

The XYZ color **49.1459, 51.0914, 49.9192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6517, 49.5807, 59.9353**, and the grayscale version is **48.7780, 51.3183, 55.8856**.

A 20% lighter version of the original color is **88.2191, 91.7704, 91.6611**, and **23.7576, 24.6739, 23.2491** is the 20% darker color. If you saturate the color by 10%, you get **45.2624, 46.2880, 39.4870**, and if you desaturate by 10%, it is **53.4605, 56.3002, 61.9007**.

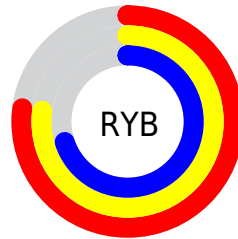
Distribution



Red (77%)

Green (74%)

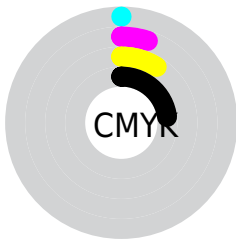
Blue (70%)



Red (77%)

Yellow (77%)

Blue (70%)

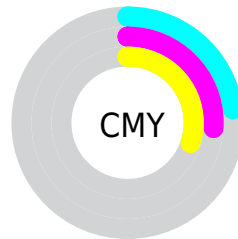


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1459, 51.0914, 49.9192 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 49.1459, 51.0914, 49.9192 by changing the saturation by 10% instead.

■ 49.1459, 51.0914,
49.9192

■ 49.1459, 51.0914,
49.9192

373.8239,
390.9188, 403.0759

■ 34.9502, 36.2814,
34.9785

■ 88.1075, 91.7899,
91.4502

■ 23.7909, 24.6516,
23.3629

113.6042,
118.4471, 118.8776

■ 15.3025, 15.8177,
14.6539

143.5986,
149.8221, 151.3043

■ 9.1196, 9.3952,
8.4329

178.4561,
186.2994, 189.1488

■ 4.8770, 4.9999,
4.2815

218.5420,
228.2633, 232.8296

■ 2.2093, 2.2472,
1.7810

264.2217,

■ 0.7476, 0.7455,

276.0983, 282.7654

0.4154

315.8605,
330.1886, 339.3747

0.0000, 0.0000,
0.0000

49.1459, 51.0914,
49.9192

49.1459, 51.0914,
49.9192

45.2624, 46.2880,
39.4870

53.4605, 56.3002,
61.9007

41.7908, 41.8728,
30.5367

58.2160, 61.9178,
75.4886

38.7169, 37.8370,
23.0005

63.4271, 67.9560,
90.7412

36.0235, 34.1690,
16.8043

68.6522, 74.2423,
105.3196

33.6926, 30.8566,
11.8669

71.4290, 79.7959,
106.2452

■ 31.7038, 27.8864,
8.0984

■ 74.3624, 85.6627,
107.2230

■ 30.0346, 25.2440,
5.3966

■ 76.8363, 90.6105,
108.0476

■ 28.6590, 22.9133,
3.6413

■ 27.5342, 20.8714,
2.6262

Harmonies

Analogous

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



50.1150, 51.0914, 51.4485



49.1459, 51.0914, 49.9192



48.0342, 51.0914, 49.8805

Triad

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



49.1459, 51.0914, 49.9192



46.5095, 51.0914, 57.1573



50.0745, 51.0914, 60.1514

Complementary

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



49.1459, 51.0914, 49.9192



46.6517, 49.5807, 59.9353

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.



49.0913, 51.0914, 61.8048



49.1459, 51.0914, 49.9192



47.0392, 51.0914, 60.0318

Square

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



49.1459, 51.0914, 49.9192



46.5236, 51.0914, 53.9776



47.9804, 51.0914, 61.7602



50.6567, 51.0914, 57.3155

Rectangle

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



49.1459, 51.0914, 49.9192



47.3624, 51.0914, 50.7006



47.9804, 51.0914, 61.7602



49.7793, 51.0914, 60.8687

Sweetspot

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



49.1473, 51.0936, 49.9203



92.6349, 97.1017, 102.1392



48.2239, 47.7421, 54.2512



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



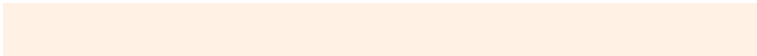
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1473, 51.0936, 49.9203



86.5477, 89.7022, 85.3896



51.1296, 55.0582, 50.5811



11.0648, 11.4988, 11.1991



18.1347, 13.7867, 1.7053



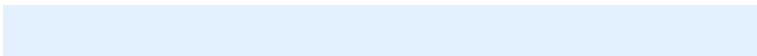
0.9311, 0.7977, 0.1049

Inverse Universe

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



46.6517, 49.5807, 59.9353



81.1591, 86.4355, 107.0139



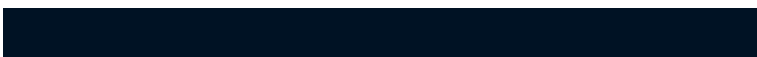
44.7893, 45.8559, 59.3145



10.4873, 11.1487, 13.5167



9.6137, 8.6214, 35.9018



0.5276, 0.5531, 1.7241

Previews

White Background



This preview shows how the XYZ color 49.1459, 51.0914, 49.9192 looks on a white background.

Color Contrast Check

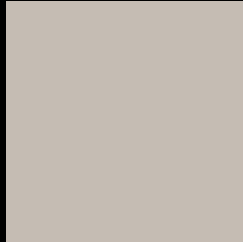
Large Text (above 18pt) WCAG AA × Fail

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 49.1459, 51.0914, 49.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

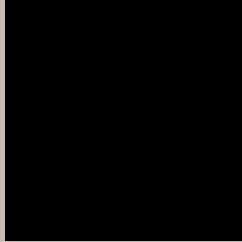
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1459, 51.0914, 49.9192

Background



This preview shows how black text looks on a background with the XYZ color 49.1459, 51.0914, 49.9192.

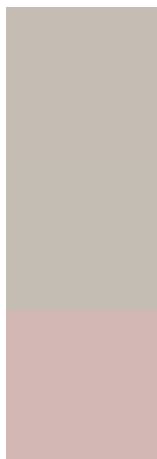


This preview shows how white text looks on a background with the XYZ color 49.1459, 51.0914,

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

49.1459, 51.0914, 49.9192

Protanopia

48.8400, 51.2520, 49.9663

Deuteranopia

52.0357, 51.0111, 50.2836



Tritanopia

51.4772, 51.1008, 61.1831

Trichromacy



Original Color

49.1459, 51.0914, 49.9192

Protanomaly

49.0992, 51.3856, 49.9784

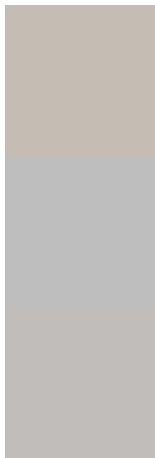
Deuteranomaly

51.0408, 51.1150, 50.3561

Tritanomaly

50.6265, 51.0657, 57.0575

Monochromacy



Original Color

49.1459, 51.0914, 49.9192

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0528, 51.2778, 53.7666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1459, 51.0914, 49.9192 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, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 179)  
}
```

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, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 179) }
```

Border

The CSS property to change the border of an element to XYZ 49.1459, 51.0914, 49.9192 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, 188, 179) }
```


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

```
.border{ border-color:rgb(197, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1459, 51.0914, 49.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 179) }
```

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

```
.background{ background-color: rgb(197,  
188, 179) }
```

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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