

Converting Colors

XYZ(49.0446, 50.5632, 51.1468)

Have a look what the booklet for
XYZ(49.0446, 50.5632, 51.1468)
contains.

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Color

**XYZ(49.1368, 50.7472,
50.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BBB5
RGB	197, 187, 181
RGB Percent	77%, 73%, 71%
CMY	0.2274, 0.2666, 0.2902
CMYK	0.00, 0.05, 0.08, 0.23
HSL	23°, 12%, 74%
HSV	23°, 8%, 77%
XYZ	49.1368, 50.7472, 50.9215
YIQ	189.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

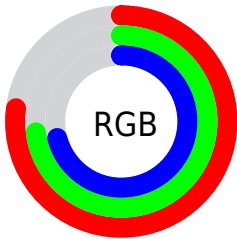
Format	Color
RYB	197, 191, 181
Decimal	12958645
CIELab	76.53, 2.47, 4.28
CIELCh	77, 4.947, 59.999
Yxy	50.7472, 0.3258, 0.3365
Android (android.graphics.Color)	4291148725 (0xFFC5BBB5)
YUV	189.3060, -4.0949, 6.7476
Hunter-Lab	71.2371, -1.5419, 7.4844

Details

The XYZ color **49.1368, 50.7472, 50.9215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7648, 51.1157, 60.1728**, and the grayscale version is **48.5657, 51.0949, 55.6424**.

A 20% lighter version of the original color is **88.2097, 91.2864, 93.0917**, and **23.7491, 24.4483, 23.8894** is the 20% darker color. If you saturate the color by 10%, you get **44.7569, 44.9963, 40.1839**, and if you desaturate by 10%, it is **54.0293, 57.0645, 63.2413**.

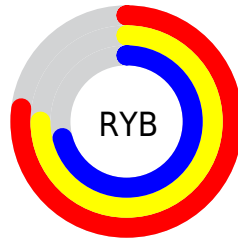
Distribution



Red (77%)

Green (73%)

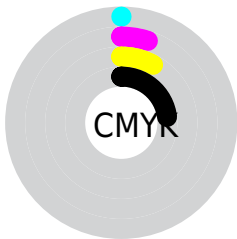
Blue (71%)



Red (77%)

Yellow (75%)

Blue (71%)

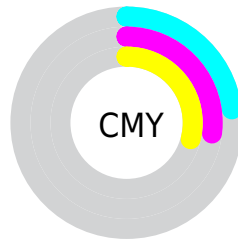


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1368, 50.7472, 50.9215 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 49.1368, 50.7472, 50.9215 by changing the saturation by 10% instead.

■ 49.1368, 50.7472,
50.9215

■ 49.1368, 50.7472,
50.9215

373.7887,
389.5808, 407.0966

■ 34.9430, 36.0075,
35.7698

■ 88.0941, 91.2810,
92.9490

■ 23.7853, 24.4400,
23.9682

113.5883,
117.8438, 120.6620

■ 15.2983, 15.6603,
15.0981

143.5800,
149.1165, 153.3992

■ 9.1167, 9.2841,
8.7408

178.4346,
185.4833, 191.5790

■ 4.8751, 4.9269,
4.4780

218.5174,
227.3288, 235.6202

■ 2.2082, 2.2045,
1.8911

264.1938,

■ 0.7470, 0.7224,

275.0373, 285.9411

0.4871

315.8291,
328.9931, 342.9604

■ 0.0000, 0.0000,
0.0000

■ 49.1368, 50.7472,
50.9215

■ 49.1368, 50.7472,
50.9215

■ 44.7569, 44.9963,
40.1839

■ 54.0293, 57.0645,
63.2413

■ 40.8677, 39.7893,
30.9606

■ 59.4466, 63.9568,
77.2011

■ 37.4521, 35.1116,
23.1835

■ 65.4061, 71.4410,
92.8596

■ 34.4903, 30.9455,
16.7779

■ 71.1400, 79.2181,
106.1489

■ 31.9609, 27.2724,
11.6625

■ 74.8116, 86.5611,
107.3727

■ 29.8404, 24.0723,
7.7471

■ 76.8362, 90.6104,
108.0476

■ 28.1031, 21.3235,
4.9299

■ 26.7191, 19.0024,
3.0914

■ 25.6469, 17.0795,
2.0512

Harmonies

Analogous

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



49.8050, 50.7472, 52.7243



49.1368, 50.7472, 50.9215



48.2337, 50.7472, 50.2720

Triad

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



49.1368, 50.7472, 50.9215



46.4608, 50.7472, 55.2550



49.1368, 50.7472, 59.8278

Complementary

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



49.1368, 50.7472, 50.9215



47.7648, 51.1157, 60.1728

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.



48.2337, 50.7472, 60.5570



49.1368, 50.7472, 50.9215



46.6958, 50.7472, 57.8655

Square

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



49.1368, 50.7472, 50.9215



46.6958, 50.7472, 52.7243



47.3417, 50.7472, 59.8278



49.8050, 50.7472, 57.8656

Rectangle

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



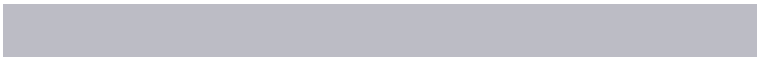
49.1368, 50.7472, 50.9215



47.6224, 50.7472, 50.5637



47.3417, 50.7472, 59.8278



48.8502, 50.7472, 60.2280

Sweetspot

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



49.1382, 50.7494, 50.9226



93.2315, 97.6597, 104.2967



48.9692, 48.6863, 56.1843



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



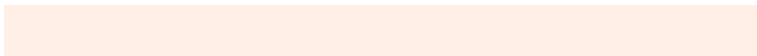
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1382, 50.7494, 50.9226



86.3393, 88.7181, 87.0690



50.8523, 54.1777, 51.4940



10.9545, 11.2782, 11.1623



16.8267, 11.1705, 1.2693



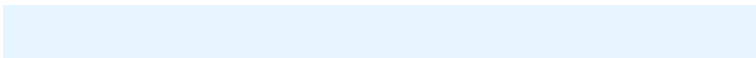
0.8662, 0.6678, 0.0832

Inverse Universe

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



47.7648, 51.1157, 60.1728



83.3061, 89.5267, 107.4974



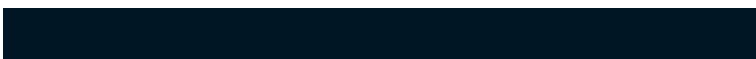
46.0958, 47.7778, 59.6164



10.5994, 11.3728, 13.5540



11.3765, 12.1470, 36.4894



0.6066, 0.7111, 1.7504

Previews

White Background



This preview shows how the XYZ color 49.1368, 50.7472, 50.9215 looks on a white background.

Color Contrast Check

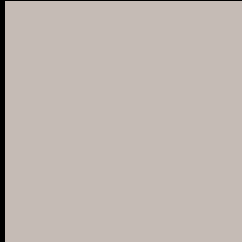
Large Text (above 18pt) WCAG AA × Fail

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 49.1368, 50.7472, 50.9215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

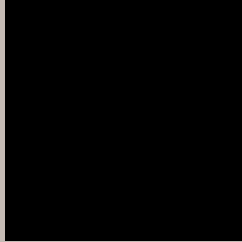
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1368, 50.7472, 50.9215

Background



This preview shows how black text looks on a background with the XYZ color 49.1368, 50.7472, 50.9215.

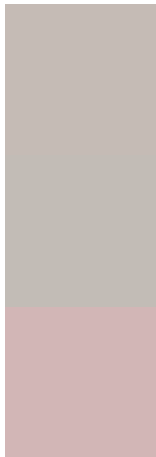


This preview shows how white text looks on a background with the XYZ color 49.1368, 50.7472,

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

49.1368, 50.7472, 50.9215

Protanopia

48.6749, 50.8132, 51.4985

Deuteranopia

51.7498, 50.5349, 51.2827



Tritanopia

51.2687, 50.6839, 61.1136

Trichromacy



Original Color

49.1368, 50.7472, 50.9215

Protanomaly

48.9324, 50.9459, 51.5105

Deuteranomaly

50.7608, 50.6375, 51.3546

Tritanomaly

50.4166, 50.6458, 56.9876

Monochromacy



Original Color

49.1368, 50.7472, 50.9215

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5844, 50.7181, 53.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1368, 50.7472, 50.9215 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, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 181)  
}
```

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, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 181) }
```

Border

The CSS property to change the border of an element to XYZ 49.1368, 50.7472, 50.9215 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, 187, 181) }
```


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

```
.border{ border-color:rgb(197, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1368, 50.7472, 50.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 181) }
```

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

```
.background{ background-color: rgb(197,  
187, 181) }
```

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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