

Converting Colors

XYZ(50.8179, 48.9915, 62.3150)

Have a look what the booklet for
XYZ(50.8179, 48.9915, 62.3150)
contains.

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Color

**XYZ(50.7501, 48.8748,
62.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3C9
RGB	201, 179, 201
RGB Percent	79%, 70%, 79%
CMY	0.2118, 0.2980, 0.2118
CMYK	0.00, 0.11, 0.00, 0.21
HSL	300°, 17%, 75%
HSV	300°, 11%, 79%
XYZ	50.7501, 48.8748, 62.0173
YIQ	188.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

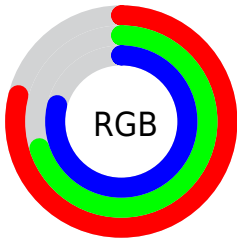
Format	Color
R_{YB}	201, 179, 201
Decimal	13218761
CIE Lab	75.37, 11.78, -8.25
CIE LCh	75, 14.383, 325.021
Yxy	48.8748, 0.3140, 0.3024
Android (android.graphics.Color)	4291408841 (0xFFC9B3C9)
YUV	188.0860, 6.3666, 11.3256
Hunter-Lab	69.9105, 7.2350, -3.6585

Details

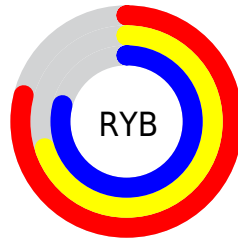
The XYZ color **50.7501, 48.8748, 62.0173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6156, 54.6130, 50.6821**, and the grayscale version is **47.8126, 50.3026, 54.7795**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **24.7599, 23.2313, 30.7829** is the 20% darker color. If you saturate the color by 10%, you get **47.0122, 41.3983, 60.7719**, and if you desaturate by 10%, it is **55.0780, 57.5299, 63.4605**.

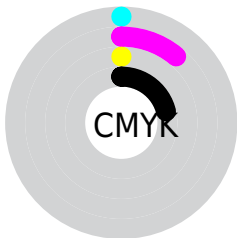
Distribution



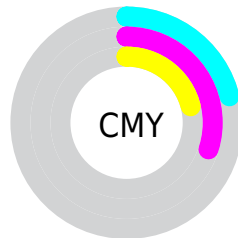
- Red (79%)
- Green (70%)
- Blue (79%)



- Red (79%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7501, 48.8748, 62.0173 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 50.7501, 48.8748, 62.0173 by changing the saturation by 10% instead.

■ 50.7501, 48.8748,
62.0173

■ 50.7501, 48.8748,
62.0173

379.9958,
382.2492, 450.0036

■ 36.2300, 34.5202,
44.6108

■ 90.4705, 88.5055,
109.3224

■ 24.7828, 23.2935,
30.8103

116.4014,
114.5503, 140.0580

■ 16.0432, 14.8104,
20.1972

146.8667,
145.2607, 176.0738

■ 9.6458, 8.6864,
12.3529

182.2317,
181.0210, 217.7883

■ 5.2252, 4.5372,
6.8591

222.8618,
222.2156, 265.6199

■ 2.4161, 1.9784,
3.2970

269.1222,

■ 0.8531, 0.5949,

269.2289, 319.9873

1.2482

321.3784,
322.4453, 381.3090

■ 0.0000, 0.0000,
0.0188

■ 0.0000, 0.0000,
0.0000

■ 50.7501, 48.8748,
62.0173

■ 50.7501, 48.8748,
62.0173

■ 47.0122, 41.3983,
60.7719

■ 55.0780, 57.5299,
63.4605

■ 43.8348, 35.0435,
59.7128

■ 60.0155, 67.4049,
65.1064

■ 41.1922, 29.7582,
58.8319

■ 65.5864, 78.5466,
66.9633

■ 39.0549, 25.4837,
58.1195

■ 70.3905, 88.1548,
68.5647

37.3908, 22.1555,
57.5648

70.3905, 88.1548,
68.5647

36.1640, 19.7018,
57.1558

70.3905, 88.1548,
68.5647

35.3333, 18.0405,
56.8790

70.3905, 88.1548,
68.5647

34.8501, 17.0740,
56.7179

70.3905, 88.1548,
68.5647

34.6305, 16.6348,
56.6447

70.3905, 88.1548,
68.5647

Harmonies

Analogous

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



48.6400, 48.8748, 67.5470



50.7501, 48.8748, 62.0173



51.7109, 48.8748, 54.4915

Triad

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



50.7501, 48.8748, 62.0173



46.8972, 48.8748, 39.9763



41.9932, 48.8748, 59.6222

Complementary

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



50.7501, 48.8748, 62.0173



47.6156, 54.6130, 50.6821

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.



41.5661, 48.8748, 51.9612



50.7501, 48.8748, 62.0173



44.3346, 48.8748, 41.0711

Square

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



50.7501, 48.8748, 62.0173



49.4332, 48.8748, 42.1448



42.4075, 48.8748, 45.2901



43.5970, 48.8748, 66.0747

Rectangle

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



50.7501, 48.8748, 62.0173



51.5450, 48.8748, 49.5275



42.4075, 48.8748, 45.2901



41.7099, 48.8748, 57.0840

Sweetspot

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



50.7515, 48.8769, 62.0184



92.6579, 95.2158, 108.1026



45.3289, 46.1907, 61.7857



19.6993, 20.1134, 23.0940



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.



50.7515, 48.8769, 62.0184



85.3715, 80.6429, 105.6738



49.5435, 48.3937, 55.6570



11.0832, 10.8166, 13.4212



21.7740, 10.4592, 35.6156



1.0310, 0.4952, 1.6864

Inverse Universe

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



48.3460, 47.9147, 49.3507



80.4862, 78.6888, 79.9483



48.7330, 55.0599, 56.5662



10.6339, 10.6369, 11.0554



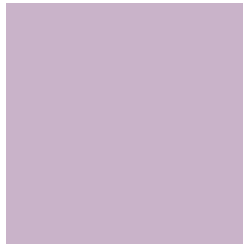
15.1452, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 50.7501, 48.8748, 62.0173 looks on a white background.

Color Contrast Check

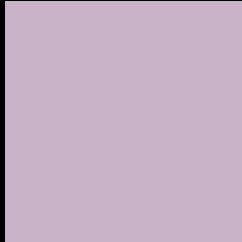
Large Text (above 18pt) WCAG AA × Fail

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 50.7501, 48.8748, 62.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

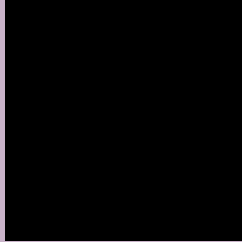
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7501, 48.8748, 62.0173

Background



This preview shows how black text looks on a background with the XYZ color 50.7501, 48.8748, 62.0173.



This preview shows how white text looks on a background with the XYZ color 50.7501, 48.8748,

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

50.7501, 48.8748, 62.0173

Protanopia

47.8067, 48.8310, 64.0324

Deuteranopia

49.8898, 48.7299, 62.0347



Tritanopia

49.8783, 48.8169, 57.8327

Trichromacy



Original Color

50.7501, 48.8748, 62.0173

Protanomaly

48.7426, 48.7148, 63.3338

Deuteranomaly

50.1526, 48.8653, 62.0470

Tritanomaly

50.2187, 48.9531, 59.6254

Monochromacy



Original Color

50.7501, 48.8748, 62.0173

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9669, 49.8856, 57.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7501, 48.8748, 62.0173 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(201, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 201)  
}
```

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(201, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.7501, 48.8748, 62.0173 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(201, 179, 201) }
```


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

```
.border{ border-color:rgb(201, 179, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7501, 48.8748, 62.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 201) }
```

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

```
.background{ background-color: rgb(201,  
179, 201) }
```

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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