

Converting Colors

XYZ(48.9183, 49.4452, 62.2239)

Have a look what the booklet for
XYZ(48.9183, 49.4452, 62.2239)
contains.

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Color

**XYZ(48.9183, 49.4452,
62.2239)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BEB8C9 |
| RGB | 190, 184, 201 |
| RGB Percent | 75%, 72%, 79% |
| CMY | 0.2549, 0.2784, 0.2118 |
| CMYK | 0.05, 0.08, 0.00, 0.21 |
| HSL | 261°, 14%, 75% |
| HSV | 261°, 8%, 79% |
| XYZ | 48.9183, 49.4452, 62.2239 |
| YIQ | 187.7320, -1.8810, 6.5590 |

Conversions

Conversions Part 2

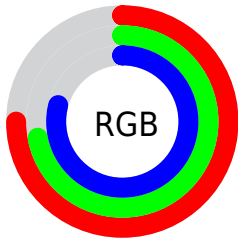
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 190, 184, 201 |
| Decimal | 12499145 |
| CIE Lab | 75.73, 5.32, -7.82 |
| CIE LCh | 76, 9.456, 304.223 |
| Yxy | 49.4452, 0.3046, 0.3079 |
| Android (android.graphics.Color) | 4290689225 (0xFFBEB8C9) |
| YUV | 187.7320, 6.5411, 1.9890 |
| Hunter-Lab | 70.3173, 1.1236, -3.2437 |

Details

The XYZ color **48.9183, 49.4452, 62.2239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0459, 56.8374, 53.5775**, and the grayscale version is **47.6140, 50.0937, 54.5520**.

A 20% lighter version of the original color is **87.2161, 89.1330, 107.2153**, and **23.6993, 23.6575, 30.9210** is the 20% darker color. If you saturate the color by 10%, you get **41.9310, 40.0801, 60.7853**, and if you desaturate by 10%, it is **56.7917, 60.1505, 63.8760**.

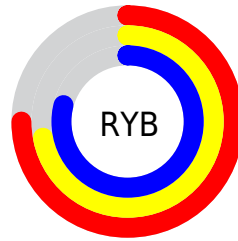
Distribution



Red (75%)

Green (72%)

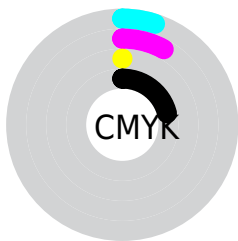
Blue (79%)



Red (75%)

Yellow (72%)

Blue (79%)

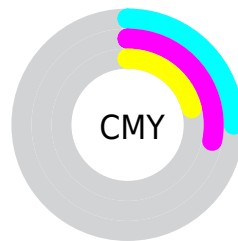


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9183, 49.4452, 62.2239 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 48.9183, 49.4452, 62.2239 by changing the saturation by 10% instead.

■ 48.9183, 49.4452,
62.2239

■ 48.9183, 49.4452,
62.2239

372.9429,
384.4923, 450.7775

■ 34.7689, 34.9728,
44.7767

■ 87.7716, 89.3523,
109.6238

■ 23.6506, 23.6419,
30.9399

113.2062,
115.5558, 140.4136

■ 15.1980, 15.0682,
20.2950

143.1332,
146.4384, 176.4879

■ 9.0457, 8.8673,
12.4235

177.9181,
182.3845, 218.2654

■ 4.8283, 4.6547,
6.9067

217.9262,
223.7786, 266.1646

■ 2.1806, 2.0461,
3.3263

263.5227,

■ 0.7325, 0.6341,

271.0050, 320.6039

1.2636

315.0732,
324.4481, 382.0021

■ 0.0000, 0.0000,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 48.9183, 49.4452,
62.2239

■ 48.9183, 49.4452,
62.2239

■ 41.9310, 40.0801,
60.7853

■ 56.7917, 60.1505,
63.8760

■ 35.7932, 31.9953,
59.5483

■ 65.5776, 72.2402,
65.7465

■ 30.4716, 25.1355,
58.5047

■ 75.3067, 85.7644,
67.8441

■ 25.9294, 19.4388,
57.6445

■ 82.9325, 94.6204,
69.1516

■ 22.1264, 14.8380,
56.9569

■ 87.5428, 96.9971,
69.3674

■ 19.0187, 11.2586,
56.4298

■ 16.5572, 8.6165,
56.0495

■ 14.6851, 6.8134,
55.8002

■ 13.3186, 5.6981,
55.6569

Harmonies

Analogous

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



47.2449, 49.4452, 64.0542



48.9183, 49.4452, 62.2239



50.0986, 49.4452, 58.1472

Triad

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



48.9183, 49.4452, 62.2239



48.4779, 49.4452, 45.6009



43.7129, 49.4452, 54.5517

Complementary

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



48.9183, 49.4452, 62.2239



52.0459, 56.8374, 53.5775

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.



44.0246, 49.4452, 49.7460



48.9183, 49.4452, 62.2239



46.7483, 49.4452, 44.7692

Square

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



48.9183, 49.4452, 62.2239



49.8399, 49.4452, 48.5866



45.1251, 49.4452, 46.2405



44.2628, 49.4452, 59.4535

Rectangle

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



48.9183, 49.4452, 62.2239



50.4316, 49.4452, 54.8153



45.1251, 49.4452, 46.2405



43.7205, 49.4452, 52.8712

Sweetspot

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



48.9198, 49.4473, 62.2250



90.8599, 94.2889, 108.0185



49.8378, 53.4617, 62.9514



19.2132, 19.8628, 23.0712



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.



48.9198, 49.4473, 62.2250



81.6349, 81.7990, 106.0939



51.0921, 50.5672, 62.3267



10.4039, 10.4665, 13.3894



8.3495, 3.5386, 34.9873



0.4740, 0.2081, 1.6603

Inverse Universe

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



51.0799, 50.6409, 58.7147



86.0329, 84.2297, 98.9146



49.9237, 55.7433, 53.4782



10.9181, 10.7506, 12.5518



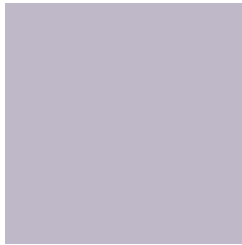
17.7269, 8.8403, 14.3038



0.8728, 0.4320, 0.8535

Previews

White Background



This preview shows how the XYZ color 48.9183, 49.4452, 62.2239 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 48.9183, 49.4452, 62.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

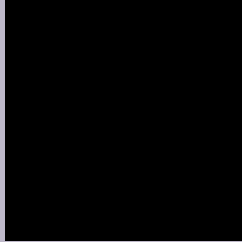
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9183, 49.4452, 62.2239

Background



This preview shows how black text looks on a background with the XYZ color 48.9183, 49.4452, 62.2239.



This preview shows how white text looks on a background with the XYZ color 48.9183, 49.4452,

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

48.9183, 49.4452, 62.2239

Protanopia

48.0172, 49.2765, 62.8576

Deuteranopia

50.4732, 49.3178, 62.7362



Tritanopia

48.6845, 49.3517, 60.9927

Trichromacy



Original Color

48.9183, 49.4452, 62.2239

Protanomaly

48.5031, 49.5270, 62.8804

Deuteranomaly

49.8943, 49.3223, 62.7676

Tritanomaly

48.8010, 49.3983, 61.6063

Monochromacy



Original Color

48.9183, 49.4452, 62.2239

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3822, 50.2097, 57.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9183, 49.4452, 62.2239 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(190, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 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(190, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.9183, 49.4452, 62.2239 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(190, 184, 201) }
```


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

```
.border{ border-color:rgb(190, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9183, 49.4452, 62.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 201) }
```

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

```
.background{ background-color: rgb(190,  
184, 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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