

Converting Colors

XYZ(49.8790, 49.8720, 52.7755)

Have a look what the booklet for
XYZ(49.8790, 49.8720, 52.7755)
contains.

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Color

**XYZ(49.7778, 49.7873,
52.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7B9
RGB	201, 183, 185
RGB Percent	79%, 72%, 73%
CMY	0.2118, 0.2823, 0.2745
CMYK	0.00, 0.09, 0.08, 0.21
HSL	353°, 14%, 75%
HSV	353°, 9%, 79%
XYZ	49.7778, 49.7873, 52.8853
YIQ	188.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

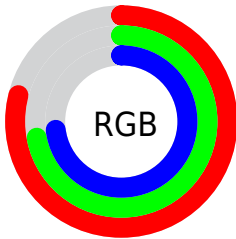
Format	Color
R _Y B	201, 183, 185
Decimal	13219769
CIE Lab	75.94, 6.74, 1.30
CIE LCh	76, 6.866, 10.929
Yxy	49.7873, 0.3265, 0.3266
Android (android.graphics.Color)	4291409849 (0xFFC9B7B9)
YUV	188.6100, -1.7797, 10.8660
Hunter-Lab	70.5601, 2.4456, 4.9538

Details

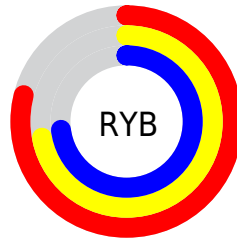
The XYZ color **49.7778, 49.7873, 52.8853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7257, 55.9652, 62.1643**, and the grayscale version is **48.1541, 50.6618, 55.1707**.

A 20% lighter version of the original color is **87.9837, 89.3439, 95.8269**, and **24.1801, 23.8343, 25.1558** is the 20% darker color. If you saturate the color by 10%, you get **44.1551, 41.3731, 42.2813**, and if you desaturate by 10%, it is **56.2325, 59.4848, 64.9377**.

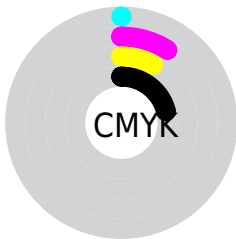
Distribution



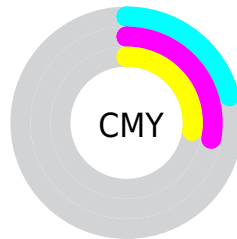
- Red (79%)
- Green (72%)
- Blue (73%)



- Red (79%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7778, 49.7873, 52.8853 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 49.7778, 49.7873, 52.8853 by changing the saturation by 10% instead.


 49.7778, 49.7873,
52.8853

 49.7778, 49.7873,
52.8853


376.2627,
385.8336, 414.8987

 35.4540, 35.2444,
37.3241


 89.0394, 89.8597,
95.8754

 24.1809, 23.8512,
25.1608


114.7078,
116.1579, 124.1414

 15.5933, 15.2233,
15.9768


144.8884,
147.1434, 157.4794

 9.3259, 8.9762,
9.3535

179.9467,
183.2006, 196.3080

 5.0131, 4.7257,
4.8725

220.2479,
224.7138, 241.0457

 2.2898, 2.0872,
2.1152

266.1574,

 0.7894, 0.6574,

272.0674, 292.1110

0.6248

318.0406,
325.6459, 349.9225

■ 0.0000, 0.0000,
0.0000

■ 49.7778, 49.7873,
52.8853

■ 49.7778, 49.7873,
52.8853

■ 44.1551, 41.3731,
42.2813

■ 56.2325, 59.4848,
64.9377

■ 39.3264, 34.1823,
33.0681

■ 63.5469, 70.5094,
78.4869

■ 35.2572, 28.1597,
25.1888

■ 71.7523, 82.9107,
93.5830

■ 31.9086, 23.2437,
18.5815

■ 77.8976, 91.1576,
108.0973

■ 29.2383, 19.3667,
13.1791

■ 27.1995, 16.4539,
8.9087

■ 25.7396, 14.4205,
5.6892

■ 24.7970, 13.1667,
3.4286

■ 24.2770, 12.5299,
2.0124

Harmonies

Analogous

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



49.6844, 49.7873, 56.5444



49.7778, 49.7873, 52.8853



49.2042, 49.7873, 49.7246

Triad

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



49.7778, 49.7873, 52.8853



45.7281, 49.7873, 49.0598



46.5222, 49.7873, 61.1441

Complementary

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



49.7778, 49.7873, 52.8853



50.7257, 55.9652, 62.1643

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.



45.4871, 49.7873, 58.9571



49.7778, 49.7873, 52.8853



45.0345, 49.7873, 51.9405

Square

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



49.7778, 49.7873, 52.8853



46.8565, 49.7873, 47.5831



44.9470, 49.7873, 55.5564



47.7892, 49.7873, 61.4250

Rectangle

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



49.7778, 49.7873, 52.8853



48.5266, 49.7873, 48.2830



44.9470, 49.7873, 55.5564



46.1362, 49.7873, 60.6030

Sweetspot

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



49.7792, 49.7895, 52.8864



91.5820, 94.7854, 102.4371



51.0042, 50.2147, 62.2630



19.4088, 19.9972, 21.5645



0.0000, 0.0000, 0.0000



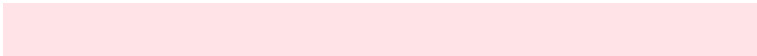
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7792, 49.7895, 52.8864



82.9870, 81.8875, 86.3403



51.0279, 52.6218, 52.2700



10.6809, 10.6558, 11.3030



15.2553, 7.8517, 1.2882



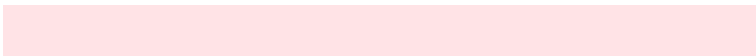
0.7388, 0.3784, 0.1478

Inverse Universe

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



49.7792, 49.7895, 52.8864



82.9870, 81.8875, 86.3403



49.3869, 52.9141, 62.8692



10.6809, 10.6558, 11.3030



15.2553, 7.8517, 1.2882



0.7388, 0.3784, 0.1478

Previews

White Background



This preview shows how the XYZ color 49.7778, 49.7873, 52.8853 looks on a white background.

Color Contrast Check

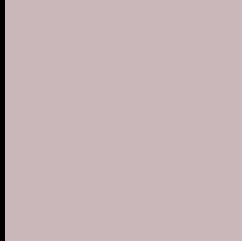
Large Text (above 18pt) WCAG AA × Fail

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 49.7778, 49.7873, 52.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

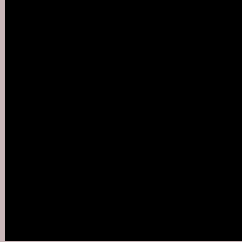
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7778, 49.7873, 52.8853

Background



This preview shows how black text looks on a background with the XYZ color 49.7778, 49.7873, 52.8853.



This preview shows how white text looks on a background with the XYZ color 49.7778, 49.7873,

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

49.7778, 49.7873, 52.8853

Protanopia

48.0144, 49.7820, 54.0920

Deuteranopia

50.7344, 49.6723, 52.8127



Tritanopia

50.8448, 49.5898, 59.1165

Trichromacy



Original Color

49.7778, 49.7873, 52.8853

Protanomaly

48.7176, 49.8452, 53.5078

Deuteranomaly

50.3867, 49.7960, 52.8549

Tritanomaly

50.5995, 49.8182, 56.8182

Monochromacy



Original Color

49.7778, 49.7873, 52.8853

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8397, 50.5089, 54.7520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7778, 49.7873, 52.8853 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, 183, 185) looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 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(201, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.7778, 49.7873, 52.8853 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, 183, 185) }
```


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

```
.border{ border-color:rgb(201, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7778, 49.7873, 52.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 185) }
```

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

```
.background{ background-color: rgb(201,  
183, 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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