

Converting Colors

XYZ(47.5049, 48.2131, 53.6733)

Have a look what the booklet for
XYZ(47.5049, 48.2131, 53.6733)
contains.

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Color

**XYZ(47.6899, 48.3812,
53.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B6BB
RGB	193, 182, 187
RGB Percent	76%, 71%, 73%
CMY	0.2431, 0.2863, 0.2667
CMYK	0.00, 0.06, 0.03, 0.24
HSL	333°, 8%, 74%
HSV	333°, 6%, 76%
XYZ	47.6899, 48.3812, 53.8387
YIQ	185.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

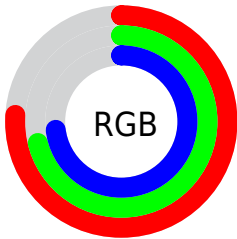
Format	Color
R_{YB}	193, 182, 187
Decimal	12695227
CIE _{Lab}	75.06, 4.79, -1.14
CIE _{LCh}	75, 4.927, 346.576
Yxy	48.3812, 0.3181, 0.3227
Android (android.graphics.Color)	4290885307 (0xFFC1B6BB)
YUV	185.8590, 0.5625, 6.2627
Hunter-Lab	69.5566, 0.6604, 2.7975

Details

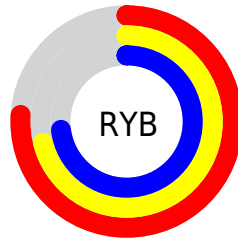
The XYZ color **47.6899, 48.3812, 53.8387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4403, 51.7171, 55.0615**, and the grayscale version is **46.5894, 49.0156, 53.3780**.

A 20% lighter version of the original color is **85.8191, 87.7599, 97.2102**, and **22.8008, 22.9107, 25.7747** is the 20% darker color. If you saturate the color by 10%, you get **42.9206, 40.5804, 46.8897**, and if you desaturate by 10%, it is **53.0894, 57.3087, 61.4069**.

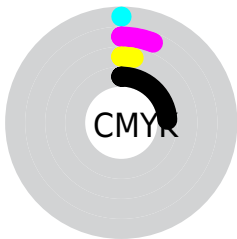
Distribution



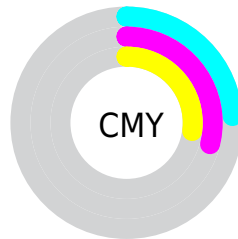
- Red (76%)
- Green (71%)
- Blue (73%)



- Red (76%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6899, 48.3812, 53.8387 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 47.6899, 48.3812, 53.8387 by changing the saturation by 10% instead.

■ 47.6899, 48.3812,
53.8387

■ 47.6899, 48.3812,
53.8387

368.1647,
380.3011, 418.6518

■ 33.7916, 34.1289,
38.0804

■ 85.9550, 87.7717,
97.2914

■ 22.8957, 22.9926,
25.7428

111.0525,
113.6787, 125.8229

■ 14.6368, 14.5881,
16.4073

140.6139,
144.2393, 159.4492

■ 8.6495, 8.5308,
9.6553

175.0043,
179.8380, 198.5888

■ 4.5686, 4.4364,
5.0684

214.5893,
220.8591, 243.6604

■ 2.0285, 1.9206,
2.2280

259.7341,

■ 0.6499, 0.5607,

267.6871, 295.0824

0.6905

310.8041,
320.7063, 353.2734

■ 0.0000, 0.0000,
0.0000

■ 47.6899, 48.3812,
53.8387

■ 47.6899, 48.3812,
53.8387

■ 42.9206, 40.5804,
46.8897

■ 53.0894, 57.3087,
61.4069

■ 38.7534, 33.8552,
40.5400

■ 59.1376, 67.3992,
69.6070

■ 35.1642, 28.1594,
34.7732

■ 65.8573, 78.6949,
78.4554

■ 32.1258, 23.4415,
29.5710

■ 71.9126, 88.5216,
87.5148

■ 29.6084, 19.6453,
24.9136

■ 73.4293, 89.1283,
95.5015

■ 27.5794, 16.7086,
20.7803

■ 75.0367, 89.7712,
103.9661

■ 26.0022, 14.5617,
17.1484

■ 75.8026, 90.0776,
107.9992

■ 24.8346, 13.1239,
13.9927

■ 24.0245, 12.2946,
11.2844

Harmonies

Analogous

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



47.2541, 48.3812, 56.1621



47.6899, 48.3812, 53.8387



47.6647, 48.3812, 51.2767

Triad

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



47.6899, 48.3812, 53.8387



45.4926, 48.3812, 48.0671



44.8048, 48.3812, 56.3636

Complementary

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



47.6899, 48.3812, 53.8387



47.4403, 51.7171, 55.0615

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.



44.3450, 48.3812, 54.1064



47.6899, 48.3812, 53.8387



44.7386, 48.3812, 49.3428

Square

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



47.6899, 48.3812, 53.8387



46.3881, 48.3812, 48.0007



44.3210, 48.3812, 51.5359



45.5840, 48.3812, 57.6516

Rectangle

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



47.6899, 48.3812, 53.8387



47.3896, 48.3812, 49.7786



44.3210, 48.3812, 51.5359



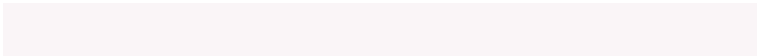
44.6082, 48.3812, 55.6897

Sweetspot

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



47.6913, 48.3833, 53.8397



88.8265, 92.2771, 101.2654



47.0615, 47.9829, 57.2339



19.0772, 19.8311, 21.7543



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.6913, 48.3833, 53.8397



84.1409, 84.5606, 94.6024



47.2406, 48.3233, 51.0959



10.4650, 10.4898, 11.7527



15.8300, 8.0218, 7.0169



0.7187, 0.3605, 0.4860

Inverse Universe

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



47.6913, 48.3833, 53.8397



84.1409, 84.5606, 94.6024



47.9075, 51.7745, 57.9212



10.4650, 10.4898, 11.7527



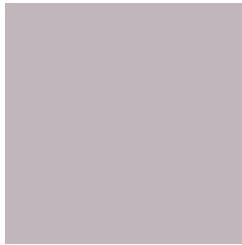
15.8300, 8.0218, 7.0169



0.7187, 0.3605, 0.4860

Previews

White Background



This preview shows how the XYZ color 47.6899, 48.3812, 53.8387 looks on a white background.

Color Contrast Check

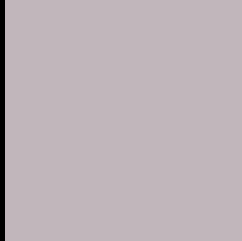
Large Text (above 18pt) WCAG AA × Fail

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 47.6899, 48.3812, 53.8387 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 47.6899, 48.3812, 53.8387

Background



This preview shows how black text looks on a background with the XYZ color 47.6899, 48.3812, 53.8387.



This preview shows how white text looks on a background with the XYZ color 47.6899, 48.3812,

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

47.6899, 48.3812, 53.8387

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.2846, 48.2885, 54.3000



Tritanopia

48.6223, 48.4572, 58.4203

Trichromacy



Original Color

47.6899, 48.3812, 53.8387

Protanomaly

46.9969, 48.3166, 54.4260

Deuteranomaly

48.6871, 48.2791, 54.3297

Tritanomaly

48.2864, 48.3229, 56.6514

Monochromacy



Original Color

47.6899, 48.3812, 53.8387

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1982, 49.0619, 53.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6899, 48.3812, 53.8387 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(193, 182, 187) looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 187)  
}
```

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(193, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.6899, 48.3812, 53.8387 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(193, 182, 187) }
```


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

```
.border{ border-color:rgb(193, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6899, 48.3812, 53.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 187) }
```

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

```
.background{ background-color: rgb(193,  
182, 187) }
```

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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