

Converting Colors

XYZ(48.3300, 52.2033, 53.9888)

Have a look what the booklet for
XYZ(48.3300, 52.2033, 53.9888)
contains.

XYZ(48.4264, 52.2499, 53.9873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.4264, 52.2499,
53.9873)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC1BA
RGB	187, 193, 186
RGB Percent	73%, 76%, 73%
CMY	0.2667, 0.2431, 0.2706
CMYK	0.03, 0.00, 0.04, 0.24
HSL	111°, 5%, 74%
HSV	111°, 4%, 76%
XYZ	48.4264, 52.2499, 53.9873
YIQ	190.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

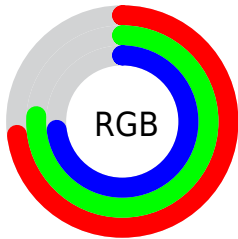
Format	Color
RYB	186, 193, 192
Decimal	12304826
CIELab	77.43, -3.37, 2.79
CIELCh	77, 4.373, 140.373
Yxy	52.2499, 0.3131, 0.3378
Android (android.graphics.Color)	4290494906 (0xFFBBC1BA)
YUV	190.4080, -2.1731, -2.9888
Hunter-Lab	72.2841, -6.9119, 6.3165

Details

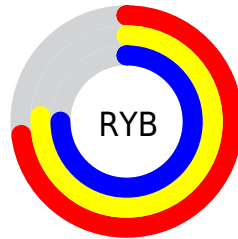
The XYZ color **48.4264, 52.2499, 53.9873** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9248, 50.1760, 57.5611**, and the grayscale version is **49.1927, 51.7546, 56.3607**.

A 20% lighter version of the original color is **86.8648, 93.2169, 97.4188**, and **23.4432, 25.5180, 25.8802** is the 20% darker color. If you saturate the color by 10%, you get **42.6947, 49.5179, 43.7221**, and if you desaturate by 10%, it is **54.9046, 55.3377, 65.7363**.

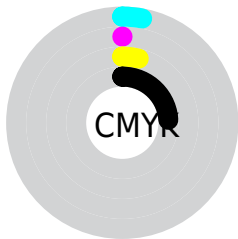
Distribution



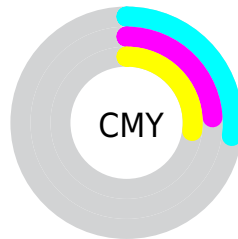
- Red (73%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4264, 52.2499, 53.9873 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 48.4264, 52.2499, 53.9873 by changing the saturation by 10% instead.

■ 48.4264, 52.2499,
53.9873

■ 48.4264, 52.2499,
53.9873

371.0343,
395.4006, 419.2348

■ 34.3773, 37.2043,
38.1984

■ 87.0448, 93.4997,
97.5118

■ 23.3479, 25.3657,
25.8337

112.3448,
120.4727, 126.0845

■ 14.9727, 16.3497,
16.4746

142.1259,
152.1902, 159.7555

■ 8.8864, 9.7720,
9.7026

176.7534,
189.0368, 198.9435

■ 4.7237, 5.2480,
5.0992

216.5926,
231.3967, 244.0668

■ 2.1191, 2.3935,
2.2458

262.0089,

■ 0.6996, 0.8225,

279.6544, 295.5441

0.7006

313.3677,
334.1942, 353.7940

■ 0.0000, 0.0000,
0.0000

■ 48.4264, 52.2499,
53.9873

■ 48.4264, 52.2499,
53.9873

■ 42.6947, 49.5179,
43.7221

■ 54.9046, 55.3377,
65.7363

■ 37.6783, 47.1224,
34.8785

■ 62.1504, 58.7865,
79.0214

■ 33.3503, 45.0524,
27.3949

■ 70.1894, 62.6099,
93.8962

■ 29.6804, 43.2937,
21.2037

■ 77.6955, 66.2789,
103.3059

■ 26.6360, 41.8312,
16.2318

■ 78.3610, 66.6220,
103.3370

■ 24.1816, 40.6482,
12.3987

■ 22.2783, 39.7266,
9.6140

■ 20.8821, 39.0461,
7.7741

■ 19.9419, 38.5831,
6.7537

Harmonies

Analogous

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



49.1009, 52.2499, 52.6577



48.4264, 52.2499, 53.9873



48.0841, 52.2499, 56.1200

Triad

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



48.4264, 52.2499, 53.9873



49.3919, 52.2499, 61.5823



51.1939, 52.2499, 55.2936

Complementary

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



48.4264, 52.2499, 53.9873



48.9248, 50.1760, 57.5611

Split Complementary

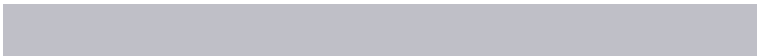
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.2740, 52.2499, 57.6696



48.4264, 52.2499, 53.9873



50.2273, 52.2499, 61.3458

Square

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



48.4264, 52.2499, 53.9873



48.6374, 52.2499, 60.5347



50.9184, 52.2499, 59.8975



50.7009, 52.2499, 53.3970

Rectangle

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



48.4264, 52.2499, 53.9873



48.0877, 52.2499, 57.7295



50.9184, 52.2499, 59.8975



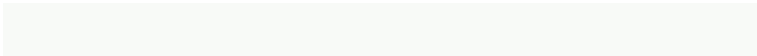
51.2703, 52.2499, 56.0612

Sweetspot

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



48.4279, 52.2521, 53.9884



89.6306, 94.9615, 101.9258



49.6961, 52.5624, 53.9815



19.2411, 20.3783, 21.8889



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.



48.4279, 52.2521, 53.9884



86.2571, 93.3537, 95.8362



48.4470, 52.2316, 55.3614



10.6882, 11.6185, 11.8171



13.0356, 25.5489, 4.2444



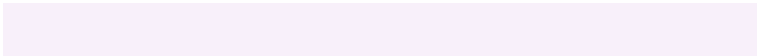
0.6073, 1.1266, 0.1854

Inverse Universe

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



48.9248, 50.1760, 57.5611



87.2508, 89.2026, 102.9795



48.9076, 50.1984, 56.1446



10.8307, 11.0231, 12.8417



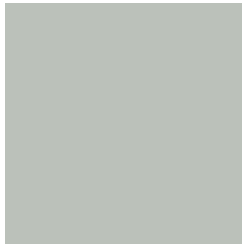
16.8368, 7.9401, 34.2018



0.7670, 0.3635, 1.4796

Previews

White Background



This preview shows how the XYZ color 48.4264, 52.2499, 53.9873 looks on a white background.

Color Contrast Check

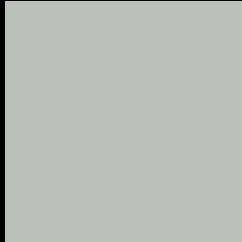
Large Text (above 18pt) WCAG AA × Fail

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 48.4264, 52.2499, 53.9873 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

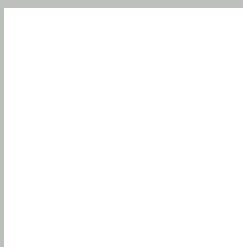
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4264, 52.2499, 53.9873

Background



This preview shows how black text looks on a background with the XYZ color 48.4264, 52.2499, 53.9873.



This preview shows how white text looks on a background with the XYZ color 48.4264, 52.2499,

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

48.4264, 52.2499, 53.9873

Protanopia

49.8301, 52.0234, 52.7626

Deuteranopia

53.2900, 52.1776, 54.8396



Tritanopia

50.6681, 52.1818, 65.1592

Trichromacy



Original Color

48.4264, 52.2499, 53.9873

Protanomaly

49.3801, 52.1018, 53.3530

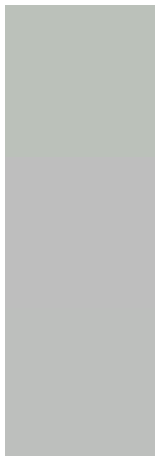
Deuteranomaly

51.3100, 52.1109, 54.3678

Tritanomaly

49.8101, 52.1576, 60.8682

Monochromacy



Original Color

48.4264, 52.2499, 53.9873

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8024, 51.7545, 55.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4264, 52.2499, 53.9873 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(187, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 186)  
}
```

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(187, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 48.4264, 52.2499, 53.9873 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(187, 193, 186) }
```


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

```
.border{ border-color:rgb(187, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4264, 52.2499, 53.9873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 186) }
```

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

```
.background{ background-color: rgb(187,  
193, 186) }
```

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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