

Converting Colors

XYZ(49.9927, 52.5053, 52.2126)

Have a look what the booklet for
XYZ(49.9927, 52.5053, 52.2126)
contains.

XYZ(49.9430, 52.4163, 52.2848)	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(49.9430, 52.4163,
52.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BFB7
RGB	196, 191, 183
RGB Percent	77%, 75%, 72%
CMY	0.2314, 0.2510, 0.2823
CMYK	0.00, 0.03, 0.07, 0.23
HSL	37°, 10%, 74%
HSV	37°, 7%, 77%
XYZ	49.9430, 52.4163, 52.2848
YIQ	191.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

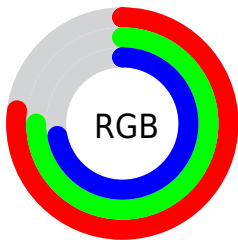
Format	Color
RYB	191, 196, 183
Decimal	12894135
CIELab	77.53, 0.33, 4.64
CIELCh	78, 4.653, 85.919
Yxy	52.4163, 0.3230, 0.3389
Android (android.graphics.Color)	4291084215 (0xFFC4BFB7)
YUV	191.5830, -4.2314, 3.8737
Hunter-Lab	72.3991, -3.5640, 7.8616

Details

The XYZ color **49.9430, 52.4163, 52.2848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4753, 50.0184, 59.3774**, and the grayscale version is **49.8827, 52.4805, 57.1513**.

A 20% lighter version of the original color is **89.3488, 93.6362, 95.0258**, and **24.2731, 25.5394, 24.7694** is the 20% darker color. If you saturate the color by 10%, you get **46.4431, 48.4567, 41.7444**, and if you desaturate by 10%, it is **53.8145, 56.6631, 64.3520**.

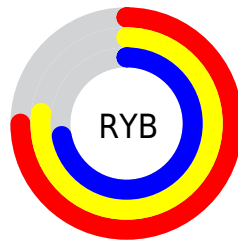
Distribution



Red (77%)

Green (75%)

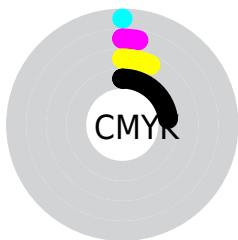
Blue (72%)



Red (75%)

Yellow (77%)

Blue (72%)

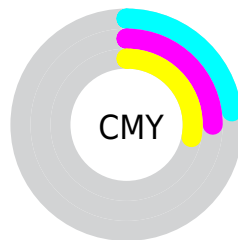


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9430, 52.4163, 52.2848 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 49.9430, 52.4163, 52.2848 by changing the saturation by 10% instead.

■ 49.9430, 52.4163,
52.2848

■ 49.9430, 52.4163,
52.2848

376.8987,
396.0417, 412.5233

■ 35.5857, 37.3370,
36.8483

■ 89.2827, 93.7449,
94.9820

■ 24.2830, 25.4685,
24.7952

114.9959,
120.7630, 123.0798

■ 15.6696, 16.4265,
15.7069

145.2251,
152.5295, 156.2351

■ 9.3800, 9.8264,
9.1649

180.3357,
189.4288, 194.8664

■ 5.0490, 5.2840,
4.7506

220.6929,
231.8452, 239.3924

■ 2.3111, 2.4149,
2.0455

266.6623,

■ 0.8003, 0.8335,

280.1633, 290.2315

0.5831

318.6091,
334.7673, 347.8023

■ 0.0000, 0.0000,
0.0000

■ 49.9430, 52.4163,
52.2848

■ 49.9430, 52.4163,
52.2848

■ 46.4431, 48.4567,
41.7444

■ 53.8145, 56.6631,
64.3520

■ 43.2975, 44.7703,
32.6655

■ 58.0653, 61.1972,
78.0008

■ 40.4938, 41.3518,
24.9830

■ 62.7087, 66.0274,
93.2877

■ 38.0173, 38.1932,
18.6256

■ 66.7076, 70.7407,
104.7462

■ 35.8520, 35.2860,
13.5158

■ 68.7430, 74.8115,
105.4247

■ 33.9803, 32.6209,
9.5676

■ 70.8688, 79.0630,
106.1332

■ 32.3824, 30.1876,
6.6843

■ 73.0861, 83.4976,
106.8723

■ 31.0357, 27.9749,
4.7530

■ 75.3959, 88.1174,
107.6423

■ 29.9104, 25.9684,
3.6255

■ 76.5752, 90.4759,
108.0354

Harmonies

Analogous

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



50.7931, 52.4163, 53.0774



49.9430, 52.4163, 52.2848



49.0699, 52.4163, 52.7431

Triad

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



49.9430, 52.4163, 52.2848



48.2846, 52.4163, 59.2593



51.2627, 52.4163, 59.8860

Complementary

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



49.9430, 52.4163, 52.2848



47.4753, 50.0184, 59.3774

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.



50.5780, 52.4163, 61.6325



49.9430, 52.4163, 52.2848



48.8597, 52.4163, 61.2631

Square

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



49.9430, 52.4163, 52.2848



48.1191, 52.4163, 56.7215



49.6974, 52.4163, 62.1438



51.5608, 52.4163, 57.4248

Rectangle

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



49.9430, 52.4163, 52.2848



48.5911, 52.4163, 53.7039



49.6974, 52.4163, 62.1438



51.0697, 52.4163, 60.5790

Sweetspot

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



49.9445, 52.4186, 52.2859



93.6175, 98.4316, 104.4253



48.7978, 49.2429, 54.6237



20.0531, 21.0849, 22.3982



0.0000, 0.0000, 0.0000



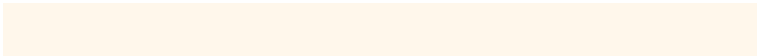
20.3446, 21.4041, 23.3091

Same Dimension

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



49.9445, 52.4186, 52.2859



89.4873, 93.8544, 91.6938



50.7160, 54.4616, 52.6396



10.5778, 11.0871, 10.6444



19.0807, 16.4471, 2.1689



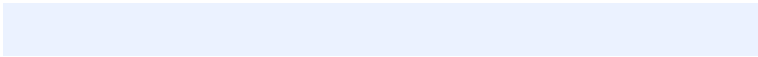
0.8895, 0.8407, 0.1154

Inverse Universe

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



47.4753, 50.0184, 59.3774



84.0623, 88.5808, 107.2750



46.7371, 48.0807, 59.0423



9.8386, 10.3685, 12.7676



8.1108, 5.9781, 34.2830



0.4172, 0.3919, 1.5035

Previews

White Background



This preview shows how the XYZ color 49.9430, 52.4163, 52.2848 looks on a white background.

Color Contrast Check

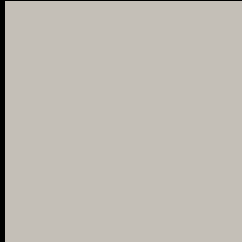
Large Text (above 18pt) WCAG AA × Fail

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 49.9430, 52.4163, 52.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

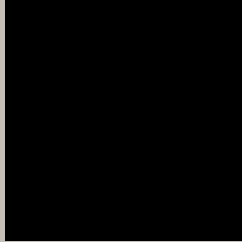
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9430, 52.4163, 52.2848

Background



This preview shows how black text looks on a background with the XYZ color 49.9430, 52.4163, 52.2848.

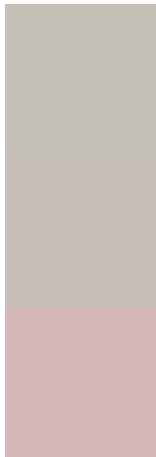


This preview shows how white text looks on a background with the XYZ color 49.9430, 52.4163,

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

49.9430, 52.4163, 52.2848

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.4413, 52.3047, 52.6266



Tritanopia

52.3159, 52.4204, 63.8607

Trichromacy



Original Color

49.9430, 52.4163, 52.2848

Protanomaly

50.2040, 52.5508, 52.2970

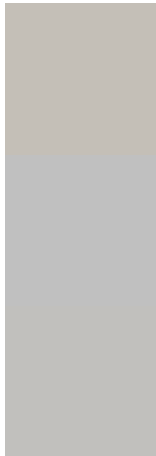
Deuteranomaly

52.1542, 52.2667, 52.6871

Tritanomaly

51.4501, 52.3865, 59.6244

Monochromacy



Original Color

49.9430, 52.4163, 52.2848

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0273, 52.7109, 55.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9430, 52.4163, 52.2848 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(196, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 183)  
}
```

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(196, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 183) }
```

Border

The CSS property to change the border of an element to XYZ 49.9430, 52.4163, 52.2848 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(196, 191, 183) }
```


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

```
.border{ border-color:rgb(196, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9430, 52.4163, 52.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 183) }
```

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

```
.background{ background-color: rgb(196,  
191, 183) }
```

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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