

Converting Colors

XYZ(50.2452, 50.7544, 52.2436)

Have a look what the booklet for
XYZ(50.2452, 50.7544, 52.2436)
contains.

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Color

**XYZ(50.3578, 50.7152,
52.4823)**

Conversions

Conversions Part 1	
Format	Color
Hex	CAB9B8
RGB	202, 185, 184
RGB Percent	79%, 73%, 72%
CMY	0.2078, 0.2745, 0.2784
CMYK	0.00, 0.08, 0.09, 0.21
HSL	3°, 15%, 76%
HSV	3°, 9%, 79%
XYZ	50.3578, 50.7152, 52.4823
YIQ	189.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

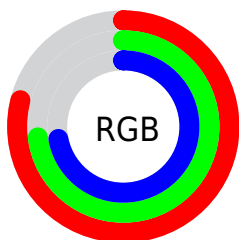
Format	Color
RYB	202, 185, 184
Decimal	13285816
CIELab	76.51, 5.85, 2.68
CIELCh	77, 6.439, 24.604
Yxy	50.7152, 0.3279, 0.3303
Android (android.graphics.Color)	4291475896 (0xFFCAB9B8)
YUV	189.9690, -2.9427, 10.5512
Hunter-Lab	71.2146, 1.5967, 6.1559

Details

The XYZ color **50.3578, 50.7152, 52.4823** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3142, 56.2268, 64.0259**, and the grayscale version is **48.9391, 51.4877, 56.0701**.

A 20% lighter version of the original color is **88.4235, 90.4619, 95.2385**, and **24.5607, 24.4371, 24.8951** is the 20% darker color. If you saturate the color by 10%, you get **44.6640, 42.4773, 40.8728**, and if you desaturate by 10%, it is **56.8922, 60.1492, 65.8649**.

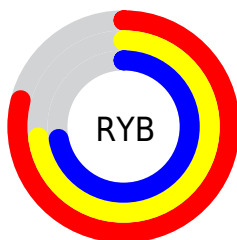
Distribution



Red (79%)

Green (73%)

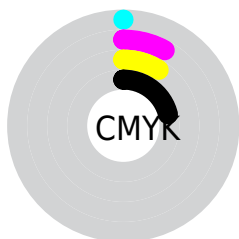
Blue (72%)



Red (79%)

Yellow (73%)

Blue (72%)

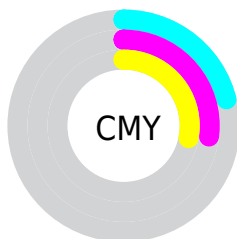


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3578, 50.7152, 52.4823 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 50.3578, 50.7152, 52.4823 by changing the saturation by 10% instead.


 50.3578, 50.7152,
52.4823

 50.3578, 50.7152,
52.4823


378.4924,
389.4563, 413.3056

 35.9167, 35.9820,
37.0048


 89.8934, 91.2337,
95.2760

 24.5397, 24.4203,
24.9154


115.7187,
117.7877, 123.4292

 15.8614, 15.6457,
15.7956


146.0695,
149.0508, 156.6446

 9.5163, 9.2738,
9.2268

181.3110,
185.4074, 195.3410

 5.1393, 4.9202,
4.7906

221.8087,
227.2418, 239.9367

 2.3648, 2.2005,
2.0683


267.9280,


 0.8275, 0.7203,


274.9385, 290.8503


0.5968


320.0341,
328.8819, 348.5004


 0.0000, 0.0000,
0.0000


 50.3578, 50.7152,
52.4823


 50.3578, 50.7152,
52.4823

 44.6640, 42.4773,
40.8728


 56.8922, 60.1492,
65.8649


 39.7725, 35.3812,
30.9591


 64.2949, 70.8172,
81.0872

 35.6486, 29.3788,
22.6626

 72.5975, 82.7640,
98.2164

 32.2534, 24.4155,
15.8977

 78.1673, 91.2967,
108.1099

 29.5443, 20.4323,
10.5705

■ 27.4745, 17.3643,
6.5771

■ 25.9914, 15.1388,
3.7995

■ 25.0338, 13.6717,
2.0989

■ 24.5177, 12.8581,
1.2528

Harmonies

Analogous

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



50.5657, 50.7152, 55.8515



50.3578, 50.7152, 52.4823



49.5686, 50.7152, 49.9459

Triad

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



50.3578, 50.7152, 52.4823



46.3246, 50.7152, 51.4363



47.9840, 50.7152, 62.1497

Complementary

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



50.3578, 50.7152, 52.4823



51.3142, 56.2268, 64.0259

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.



46.8633, 50.7152, 60.8534



50.3578, 50.7152, 52.4823



45.9156, 50.7152, 54.5937

Square

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



50.3578, 50.7152, 52.4823



47.2375, 50.7152, 49.3600



46.1111, 50.7152, 58.0518



49.1821, 50.7152, 61.5268

Rectangle

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



50.3578, 50.7152, 52.4823



48.8259, 50.7152, 49.0200



46.1111, 50.7152, 58.0518



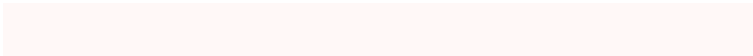
47.5860, 50.7152, 61.9223

Sweetspot

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



50.3592, 50.7174, 52.4834



91.5813, 94.9945, 101.7881



52.0526, 51.0600, 62.4326



19.4086, 20.0533, 21.3903



0.0000, 0.0000, 0.0000



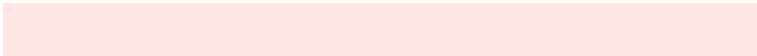
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3592, 50.7174, 52.4834



82.9833, 82.5733, 84.2014



52.2790, 54.5570, 53.1233



11.2617, 11.3123, 11.6694



15.7738, 8.2806, 0.7669



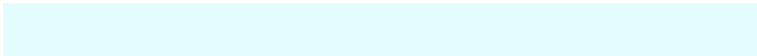
0.8317, 0.4631, 0.0456

Inverse Universe

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



51.3142, 56.2268, 64.0259



84.9759, 94.0689, 108.2862



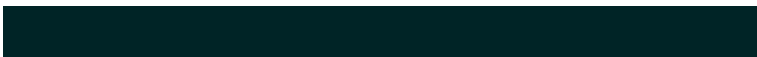
49.3001, 52.1985, 63.3545



11.4876, 12.6157, 14.4000



18.8339, 26.6918, 40.1157



0.9883, 1.4104, 2.0751

Previews

White Background



This preview shows how the XYZ color 50.3578, 50.7152, 52.4823 looks on a white background.

Color Contrast Check

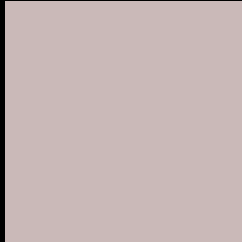
Large Text (above 18pt) WCAG AA × Fail

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 50.3578, 50.7152, 52.4823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

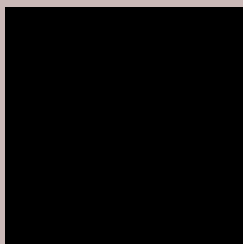
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

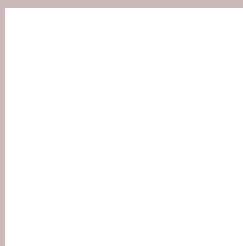
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3578, 50.7152, 52.4823

Background



This preview shows how black text looks on a background with the XYZ color 50.3578, 50.7152, 52.4823.



This preview shows how white text looks on a background with the XYZ color 50.3578, 50.7152,

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

50.3578, 50.7152, 52.4823

Protanopia

48.8385, 50.8491, 53.6952

Deuteranopia

51.8797, 50.8830, 52.4344



Tritanopia

51.9134, 50.7356, 59.8801

Trichromacy



Original Color
50.3578, 50.7152, 52.4823

Protanomaly
49.2922, 50.7792, 53.1023

Deuteranomaly
51.2458, 50.8635, 52.4641

Tritanomaly
51.2835, 50.7833, 56.9684

Monochromacy



Original Color
50.3578, 50.7152, 52.4823

Achromatopsia
48.9429, 51.4918, 56.0745

Achromatomaly
49.3085, 51.0666, 54.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3578, 50.7152, 52.4823 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(202, 185, 184) looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 184)  
}
```

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(202, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.3578, 50.7152, 52.4823 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(202, 185, 184) }
```


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

```
.border{ border-color:rgb(202, 185, 184) }
```

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

Here you see how a box with a 4 pixel rgb(202, 185, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3578, 50.7152, 52.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 184) }
```

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

```
.background{ background-color: rgb(202,  
185, 184) }
```

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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