

Converting Colors

XYZ(51.1519, 52.4782, 52.1944)

Have a look what the booklet for
XYZ(51.1519, 52.4782, 52.1944)
contains.

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Color

**XYZ(51.1020, 52.3706,
52.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	CABDB7
RGB	202, 189, 183
RGB Percent	79%, 74%, 72%
CMY	0.2078, 0.2588, 0.2823
CMYK	0.00, 0.06, 0.09, 0.21
HSL	19°, 15%, 75%
HSV	19°, 9%, 79%
XYZ	51.1020, 52.3706, 52.2149
YIQ	192.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

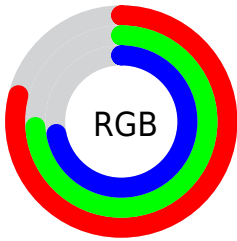
Format	Color
R_{YB}	202, 192, 183
Decimal	13286839
CIE Lab	77.50, 3.55, 4.66
CIE LCh	78, 5.859, 52.760
Yxy	52.3706, 0.3282, 0.3364
Android (android.graphics.Color)	4291476919 (0xFFCABDB7)
YUV	192.2030, -4.5371, 8.5920
Hunter-Lab	72.3675, -0.5962, 7.8781

Details

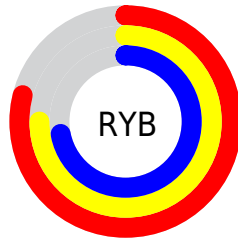
The XYZ color **51.1020, 52.3706, 52.2149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9290, 53.8107, 63.6329**, and the grayscale version is **50.2444, 52.8610, 57.5657**.

A 20% lighter version of the original color is **89.4724, 92.7968, 94.8572**, and **25.0462, 25.5159, 24.7241** is the 20% darker color. If you saturate the color by 10%, you get **46.3169, 45.9268, 40.9806**, and if you desaturate by 10%, it is **56.4750, 59.5061, 65.1352**.

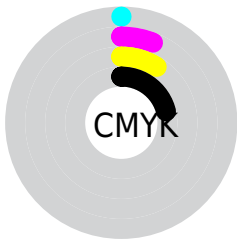
Distribution



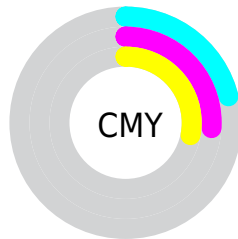
- Red (79%)
- Green (74%)
- Blue (72%)



- Red (79%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1020, 52.3706, 52.2149 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 51.1020, 52.3706, 52.2149 by changing the saturation by 10% instead.

 51.1020, 52.3706,
52.2149

 51.1020, 52.3706,
52.2149


381.3411,
395.8657, 412.2462

 36.5112, 37.3006,
36.7930


 90.9876, 93.6776,
94.8779

 25.0012, 25.4403,
24.7527


117.0131,
120.6833, 122.9561

 16.2067, 16.4054,
15.6756


147.5809,
152.4363, 156.0900

 9.7623, 9.8115,
9.1430

183.0563,
189.3211, 194.6984

 5.3027, 5.2741,
4.7365

223.8046,
231.7221, 239.1996

 2.4625, 2.4090,
2.0375

270.1913,

 0.8764, 0.8305,

280.0236, 290.0123

0.5782

322.5817,
334.6099, 347.5550

■ 0.0000, 0.0000,
0.0000

■ 51.1020, 52.3706,
52.2149

■ 51.1020, 52.3706,
52.2149

■ 46.3169, 45.9268,
40.9806

■ 56.4750, 59.5061,
65.1352

■ 42.0948, 40.1470,
31.3589

■ 62.4511, 67.3463,
79.8039

■ 38.4150, 35.0114,
23.2761

■ 69.0504, 75.9127,
96.2845

■ 35.2542, 30.4969,
16.6511

■ 74.8409, 84.6436,
107.0011

■ 32.5870, 26.5789,
11.3955

■ 78.1675, 91.2967,
108.1099

■ 30.3858, 23.2309,
7.4113

■ 28.6199, 20.4243,
4.5870

■ 27.2541, 18.1274,
2.7916

■ 26.2341, 16.2995,
1.7979

Harmonies

Analogous

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



51.8055, 52.3706, 54.6511



51.1020, 52.3706, 52.2149



50.0508, 52.3706, 51.0747

Triad

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



51.1020, 52.3706, 52.2149



47.6540, 52.3706, 56.2427



50.6213, 52.3706, 62.9501

Complementary

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



51.1020, 52.3706, 52.2149



49.9290, 53.8107, 63.6329

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.



49.5036, 52.3706, 63.4154



51.1020, 52.3706, 52.2149



47.8016, 52.3706, 59.4619

Square

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



51.1020, 52.3706, 52.2149



48.0683, 52.3706, 53.3424



48.4745, 52.3706, 62.1169



51.5250, 52.3706, 60.8684

Rectangle

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



51.1020, 52.3706, 52.2149



49.2987, 52.3706, 51.1714



48.4745, 52.3706, 62.1169



50.2577, 52.3706, 63.3039

Sweetspot

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



51.1035, 52.3729, 52.2160



92.1959, 96.2236, 101.9929



51.2894, 50.4235, 59.4340



19.5738, 20.3838, 21.4454



0.0000, 0.0000, 0.0000



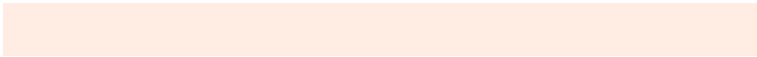
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1035, 52.3729, 52.2160



85.0398, 86.6865, 84.8870



53.1450, 56.4559, 52.8965



11.4968, 11.7825, 11.7477



16.9182, 10.5693, 1.1484



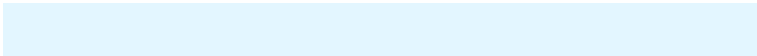
0.9411, 0.6819, 0.0820

Inverse Universe

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



49.9290, 53.8107, 63.6329



82.7103, 89.5377, 107.5310



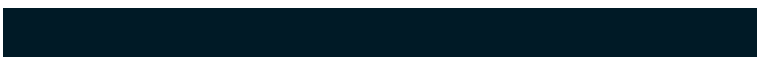
47.9178, 49.7882, 62.9624



11.2327, 12.1058, 14.3150



12.8074, 14.6389, 38.1068



0.7269, 0.8876, 1.9880

Previews

White Background



This preview shows how the XYZ color 51.1020, 52.3706, 52.2149 looks on a white background.

Color Contrast Check

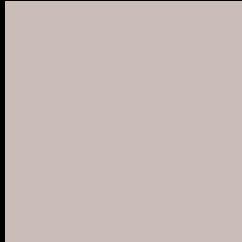
Large Text (above 18pt) WCAG AA × Fail

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 51.1020, 52.3706, 52.2149 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

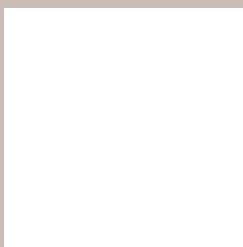
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1020, 52.3706, 52.2149

Background



This preview shows how black text looks on a background with the XYZ color 51.1020, 52.3706, 52.2149.

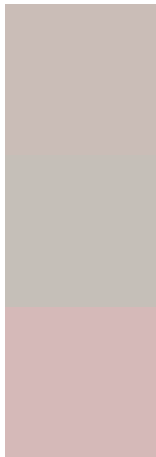


This preview shows how white text looks on a background with the XYZ color 51.1020, 52.3706,

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

51.1020, 52.3706, 52.2149

Protanopia

50.3085, 52.5926, 52.8472

Deuteranopia

53.4413, 52.3047, 52.6266



Tritanopia

53.2784, 52.3140, 62.5479

Trichromacy



Original Color

51.1020, 52.3706, 52.2149

Protanomaly

50.6184, 52.4297, 52.7995

Deuteranomaly

52.5051, 52.1338, 52.6429

Tritanomaly

52.4098, 52.2731, 58.3664

Monochromacy



Original Color

51.1020, 52.3706, 52.2149

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5811, 52.6715, 55.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1020, 52.3706, 52.2149 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, 189, 183) looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 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(202, 189, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.1020, 52.3706, 52.2149 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, 189, 183) }
```


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

```
.border{ border-color:rgb(202, 189, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 183);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1020, 52.3706, 52.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 183) }
```

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

```
.background{ background-color: rgb(202,  
189, 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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