

Converting Colors

XYZ(51.2999, 51.9998, 38.1776)

Have a look what the booklet for
XYZ(51.2999, 51.9998, 38.1776)
contains.

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Color

**XYZ(51.4183, 52.2033,
38.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BB9B
RGB	214, 187, 155
RGB Percent	84%, 73%, 61%
CMY	0.1608, 0.2666, 0.3922
CMYK	0.00, 0.13, 0.28, 0.16
HSL	33°, 42%, 72%
HSV	33°, 28%, 84%
XYZ	51.4183, 52.2033, 38.3766
YIQ	191.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

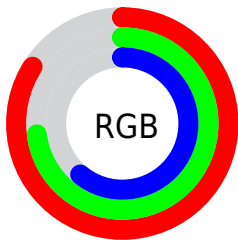
Format	Color
R _Y B	205, 214, 155
Decimal	14072731
CIE Lab	77.40, 4.81, 19.76
CIE LCh	77, 20.341, 76.315
Yxy	52.2033, 0.3621, 0.3676
Android (android.graphics.Color)	4292262811 (0xFFD6BB9B)
YUV	191.4250, -17.9575, 19.7983
Hunter-Lab	72.2519, 0.5895, 19.0844

Details

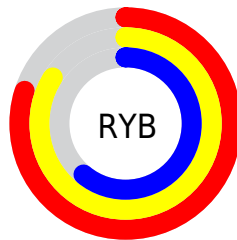
The XYZ color **51.4183, 52.2033, 38.3766** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3829, 45.2784, 70.1244**, and the grayscale version is **49.8595, 52.4561, 57.1247**.

A 20% lighter version of the original color is **84.9235, 90.0143, 73.8713**, and **25.3219, 25.4206, 16.6688** is the 20% darker color. If you saturate the color by 10%, you get **47.7714, 47.5350, 29.0662**, and if you desaturate by 10%, it is **55.5282, 57.2871, 49.4139**.

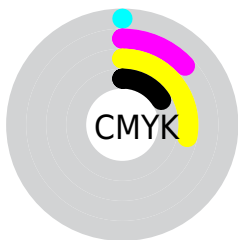
Distribution



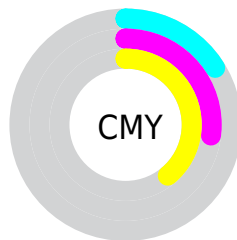
- Red (84%)
- Green (73%)
- Blue (61%)



- Red (80%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4183, 52.2033, 38.3766 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 51.4183, 52.2033, 38.3766 by changing the saturation by 10% instead.


 51.4183, 52.2033,
38.3766


 51.4183, 52.2033,
38.3766


382.5477,
395.2210, 354.5792

 36.7640, 37.1671,
25.9710


 91.4521, 93.4310,
73.8948

 25.1977, 25.3369,
16.5764

 117.5623,
120.3913, 97.8445

 16.3539, 16.3283,
9.7742

148.2219,
152.0952, 126.4794

 9.8674, 9.7567,
5.1458

183.7962,
188.9269, 160.2178

 5.3727, 5.2380,
2.2729

224.6506,
231.2710, 199.4785

 2.5045, 2.3876,
0.7160

271.1504,

 0.8975, 0.8195,

279.5118, 244.6800

0.0000

323.6610,
334.0336, 296.2407

■ 0.0000, 0.0000,
0.0000

■ 51.4183, 52.2033,
38.3766

■ 51.4183, 52.2033,
38.3766

■ 47.7714, 47.5350,
29.0662

■ 55.5282, 57.2871,
49.4139

■ 44.5637, 43.2628,
21.3899

■ 60.1152, 62.7909,
62.2577

■ 41.7753, 39.3758,
15.2512

■ 65.1979, 68.7282,
76.9868

■ 39.3829, 35.8600,
10.5418

■ 70.7926, 75.1097,
93.6741

■ 37.3604, 32.6999,
7.1391

■ 75.7667, 81.4863,
106.3428

■ 35.6774, 29.8784,
4.8996

■ 78.6632, 87.2791,
107.3083

■ 34.2933, 27.3738,
3.6256

■ 81.5417, 93.0362,
108.2678

■ 33.9867, 26.8062,
3.3828

Harmonies

Analogous

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



54.9955, 52.2033, 42.6443



51.4183, 52.2033, 38.3766



47.5348, 52.2033, 38.5738

Triad

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



51.4183, 52.2033, 38.3766



42.7442, 52.2033, 63.1083



55.2573, 52.2033, 73.0527

Complementary

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



51.4183, 52.2033, 38.3766



42.3829, 45.2784, 70.1244

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.



51.7605, 52.2033, 80.1189



51.4183, 52.2033, 38.3766



44.6024, 52.2033, 73.8821

Square

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



51.4183, 52.2033, 38.3766



42.6634, 52.2033, 51.8956



47.8596, 52.2033, 80.4410



57.2894, 52.2033, 62.0900

Rectangle

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



51.4183, 52.2033, 38.3766



45.2957, 52.2033, 41.1917



47.8596, 52.2033, 80.4410



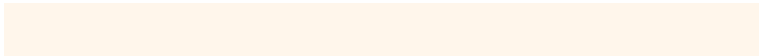
54.2062, 52.2033, 76.0221

Sweetspot

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



51.4197, 52.2057, 38.3777



89.0319, 92.9435, 91.5420



47.9522, 41.1390, 49.9594



18.8258, 19.6198, 18.9391



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.



51.4197, 52.2057, 38.3777



73.2597, 73.5612, 48.7907



57.1244, 64.4621, 40.4427



12.9758, 13.5258, 13.0875



20.6479, 16.4131, 2.0798



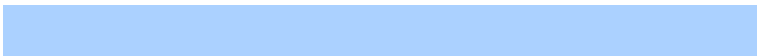
1.3277, 1.1546, 0.1529

Inverse Universe

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



42.3829, 45.2784, 70.1244



57.6992, 61.6356, 103.4635



37.7577, 35.4632, 68.4737



12.2060, 12.9355, 15.7910



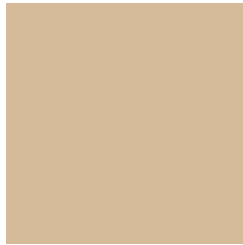
10.0731, 8.4080, 39.5452



0.6898, 0.6715, 2.4126

Previews

White Background



This preview shows how the XYZ color 51.4183, 52.2033, 38.3766 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 51.4183, 52.2033, 38.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

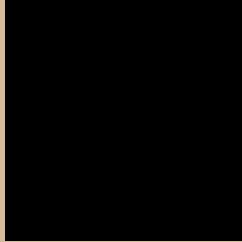
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4183, 52.2033, 38.3766

Background



This preview shows how black text looks on a background with the XYZ color 51.4183, 52.2033, 38.3766.



This preview shows how white text looks on a background with the XYZ color 51.4183, 52.2033,

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

51.4183, 52.2033, 38.3766

Protanopia

49.0737, 52.2525, 39.3976

Deuteranopia

53.2654, 52.2109, 38.7228



Tritanopia

55.5876, 52.0479, 58.7462

Trichromacy



Original Color

51.4183, 52.2033, 38.3766

Protanomaly

49.8678, 52.3490, 38.9285

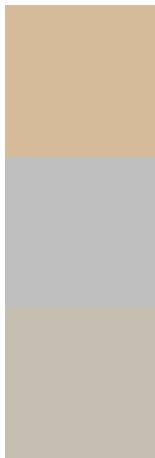
Deuteranomaly

52.5631, 52.1583, 38.7497

Tritanomaly

53.7870, 51.9140, 50.3655

Monochromacy



Original Color

51.4183, 52.2033, 38.3766

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0025, 52.1834, 49.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4183, 52.2033, 38.3766 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(214, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 155)  
}
```

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(214, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 155) }
```

Border

The CSS property to change the border of an element to XYZ 51.4183, 52.2033, 38.3766 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(214, 187, 155) }
```


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

```
.border{ border-color:rgb(214, 187, 155) }
```

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

Here you see how a box with a 4 pixel rgb(214, 187, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4183, 52.2033, 38.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 155) }
```

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

```
.background{ background-color: rgb(214,  
187, 155) }
```

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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