

Converting Colors

XYZ(51.1525, 51.3897, 43.3130)

Have a look what the booklet for
XYZ(51.1525, 51.3897, 43.3130)
contains.

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Color

**XYZ(51.0959, 51.3000,
43.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B9A6
RGB	211, 185, 166
RGB Percent	83%, 73%, 65%
CMY	0.1725, 0.2745, 0.3490
CMYK	0.00, 0.12, 0.21, 0.17
HSL	25°, 34%, 74%
HSV	25°, 21%, 83%
XYZ	51.0959, 51.3000, 43.2852
YIQ	190.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

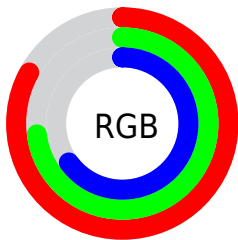
Format	Color
R_{YB}	211, 199, 166
Decimal	13875622
CIE _{Lab}	76.86, 6.29, 13.05
CIE _{LCh}	77, 14.485, 64.242
Yxy	51.3000, 0.3507, 0.3521
Android (android.graphics.Color)	4292065702 (0xFFD3B9A6)
YUV	190.6080, -12.1317, 17.8838
Hunter-Lab	71.6240, 1.9982, 14.3055

Details

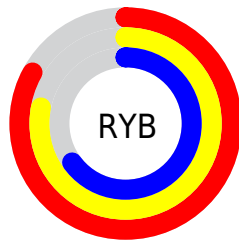
The XYZ color **51.0959, 51.3000, 43.2852** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3331, 50.5082, 68.9355**, and the grayscale version is **49.3547, 51.9250, 56.5463**.

A 20% lighter version of the original color is **85.7464, 89.3911, 81.1415**, and **24.9988, 24.7854, 19.3861** is the 20% darker color. If you saturate the color by 10%, you get **46.8757, 45.7069, 33.0999**, and if you desaturate by 10%, it is **55.8551, 57.4620, 55.2181**.

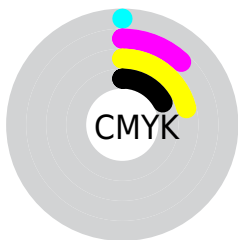
Distribution



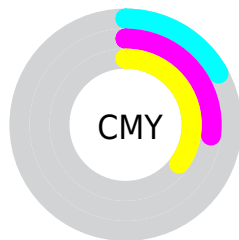
- Red (83%)
- Green (73%)
- Blue (65%)



- Red (83%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0959, 51.3000, 43.2852 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 51.0959, 51.3000, 43.2852 by changing the saturation by 10% instead.


 51.0959, 51.3000,
43.2852


 51.0959, 51.3000,
43.2852

381.3178,
391.7282, 375.7390

 36.5063, 36.4474,
29.7759


 90.9787, 92.0981,
81.4320

 24.9974, 24.7799,
19.4179


 117.0025,
118.8123, 106.9066

 16.2038, 15.9132,
11.7928

147.5685,
150.2493, 137.2068

 9.7603, 9.4627,
6.4819

183.0420,
186.7934, 172.7509

 5.3013, 5.0442,
3.0668

223.7883,
228.8289, 213.9577

 2.4617, 2.2732,
1.1288

270.1728,

 0.8760, 0.7595,

276.7403, 261.2456

0.0000

322.5608,
330.9119, 315.0332

■ 0.0000, 0.0000,
0.0000

■ 51.0959, 51.3000,
43.2852

■ 51.0959, 51.3000,
43.2852

■ 46.8757, 45.7069,
33.0999

■ 55.8551, 57.4620,
55.2181

■ 43.1694, 40.6587,
24.5756

■ 61.1688, 64.2024,
68.9729

■ 39.9560, 36.1396,
17.6232

■ 67.0571, 71.5389,
84.6238

■ 37.2112, 32.1305,
12.1439

■ 73.5376, 79.4865,
102.2396

■ 34.9082, 28.6107,
8.0273

■ 77.8551, 86.9508,
107.2875

■ 33.0169, 25.5578,
5.1474

■ 80.6742, 92.5890,
108.2272

■ 31.5024, 22.9469,
3.3541

■ 30.4456, 21.0118,
2.4510

Harmonies

Analogous

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



53.2674, 51.3000, 47.7532



51.0959, 51.3000, 43.2852



48.3686, 51.3000, 42.0611

Triad

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



51.0959, 51.3000, 43.2852



43.6682, 51.3000, 56.9860



51.7989, 51.3000, 69.3503

Complementary

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



51.0959, 51.3000, 43.2852



46.3331, 50.5082, 68.9355

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.



49.1518, 51.3000, 72.3810



51.0959, 51.3000, 43.2852



44.5127, 51.3000, 64.8293

Square

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



51.0959, 51.3000, 43.2852



44.1452, 51.3000, 49.5244



46.4947, 51.3000, 70.6539



53.6838, 51.3000, 62.7076

Rectangle

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



51.0959, 51.3000, 43.2852



46.6177, 51.3000, 43.1424



46.4947, 51.3000, 70.6539



50.9651, 51.3000, 70.8523

Sweetspot

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



51.0973, 51.3023, 43.2863



89.9285, 93.5432, 95.5205



50.0429, 44.9388, 56.0516



19.1332, 19.8760, 20.1473



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.



51.0973, 51.3023, 43.2863



75.1282, 74.3920, 58.3730



56.1208, 61.3494, 44.9608



12.2132, 12.6171, 12.4037



18.4704, 12.8739, 1.5114



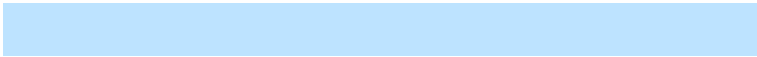
1.1105, 0.8754, 0.1104

Inverse Universe

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



46.3331, 50.5082, 68.9355



66.4311, 72.9389, 105.1851



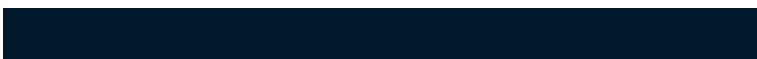
41.8123, 41.4666, 67.4286



11.7227, 12.5356, 15.0454



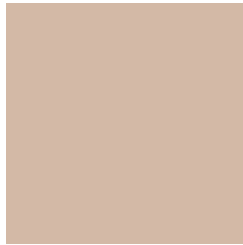
11.3913, 11.4293, 38.7982



0.7146, 0.7944, 2.1952

Previews

White Background



This preview shows how the XYZ color 51.0959, 51.3000, 43.2852 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 51.0959, 51.3000, 43.2852 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 51.0959, 51.3000, 43.2852

Background



This preview shows how black text looks on a background with the XYZ color 51.0959, 51.3000, 43.2852.



This preview shows how white text looks on a background with the XYZ color 51.0959, 51.3000,

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

51.0959, 51.3000, 43.2852

Protanopia

48.5542, 51.2281, 44.3747

Deuteranopia

52.4317, 51.3719, 43.2287



Tritanopia

54.3985, 51.4350, 58.6906

Trichromacy



Original Color

51.0959, 51.3000, 43.2852

Protanomaly

49.5869, 51.4530, 43.8771

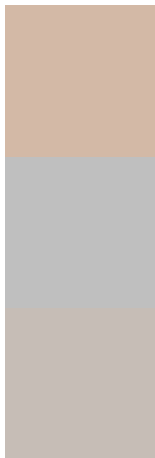
Deuteranomaly

52.0478, 51.4812, 43.2701

Tritanomaly

53.1112, 51.2127, 52.4332

Monochromacy



Original Color

51.0959, 51.3000, 43.2852

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.9298, 51.7784, 51.6186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0959, 51.3000, 43.2852 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(211, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 166)  
}
```

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(211, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.0959, 51.3000, 43.2852 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(211, 185, 166) }
```


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

```
.border{ border-color:rgb(211, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0959, 51.3000, 43.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 166) }
```

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

```
.background{ background-color: rgb(211,  
185, 166) }
```

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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