

Converting Colors

XYZ(49.6054, 50.0539, 42.9277)

Have a look what the booklet for
XYZ(49.6054, 50.0539, 42.9277)
contains.

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Color

**XYZ(49.5485, 49.8855,
43.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB7A6
RGB	207, 183, 166
RGB Percent	81%, 72%, 65%
CMY	0.1882, 0.2823, 0.3490
CMYK	0.00, 0.12, 0.20, 0.19
HSL	25°, 30%, 73%
HSV	25°, 20%, 81%
XYZ	49.5485, 49.8855, 43.0938
YIQ	188.2380, 19.7610, -0.1990

Conversions

Conversions Part 2

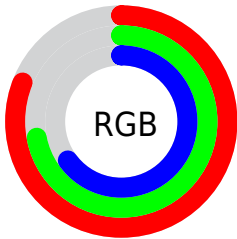
Format	Color
R _Y B	207, 195, 166
Decimal	13612966
CIE Lab	76.00, 5.86, 11.78
CIE LCh	76, 13.156, 63.541
Yxy	49.8855, 0.3476, 0.3500
Android (android.graphics.Color)	4291803046 (0xFFCFB7A6)
YUV	188.2380, -10.9633, 16.4543
Hunter-Lab	70.6297, 1.6203, 13.2657

Details

The XYZ color **49.5485, 49.8855, 43.0938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4015, 49.4377, 66.1813**, and the grayscale version is **47.9888, 50.4880, 54.9814**.

A 20% lighter version of the original color is **85.1576, 88.2135, 80.9452**, and **23.9688, 23.8556, 19.2609** is the 20% darker color. If you saturate the color by 10%, you get **45.4085, 44.4034, 33.0875**, and if you desaturate by 10%, it is **54.2120, 55.9246, 54.7836**.

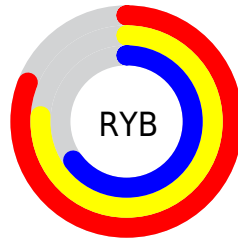
Distribution



Red (81%)

Green (72%)

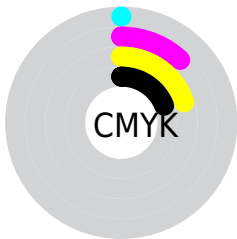
Blue (65%)



Red (81%)

Yellow (76%)

Blue (65%)

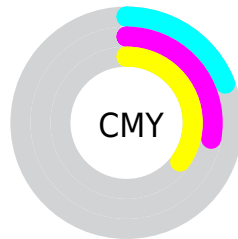


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (19%)



Cyan (19%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5485, 49.8855, 43.0938 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 49.5485, 49.8855, 43.0938 by changing the saturation by 10% instead.


 49.5485, 49.8855,
43.0938


 49.5485, 49.8855,
43.0938


375.3789,
386.2180, 374.9299

 35.2711, 35.3224,
29.6268

 88.7014, 90.0052,
81.1403

 24.0393, 23.9114,
19.3058


 114.3076,
116.3306, 106.5568

 15.4877, 15.2679,
11.7124


144.4208,
147.3456, 136.7935

 9.2509, 9.0076,
6.4280

179.4063,
183.4346, 172.2691

 4.9636, 4.7461,
3.0341

219.6295,
224.9819, 213.4020

 2.2605, 2.0991,
1.1121

265.4558,

 0.7743, 0.6641,

272.3720, 260.6107

0.0000

317.2505,
325.9892, 314.3138

■ 0.0000, 0.0000,
0.0000

■ 49.5485, 49.8855,
43.0938

■ 49.5485, 49.8855,
43.0938

■ 45.4085, 44.4034,
33.0875

■ 54.2120, 55.9246,
54.7836

■ 41.7680, 39.4549,
24.6829

■ 59.4137, 62.5298,
68.2272

■ 38.6068, 35.0247,
17.7961

■ 65.1729, 69.7185,
83.4948

■ 35.9020, 31.0943,
12.3340

■ 71.5065, 77.5053,
100.6516

■ 33.6280, 27.6436,
8.1932

■ 76.0068, 84.9346,
106.9958

■ 31.7566, 24.6511,
5.2563

■ 79.5422, 92.0055,
108.1742

■ 30.2549, 22.0927,
3.3841

■ 29.0690, 19.9354,
2.3273

■ 29.0480, 19.8971,
2.3095

Harmonies

Analogous

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



51.4577, 49.8855, 47.1865



49.5485, 49.8855, 43.0938



47.1238, 49.8855, 41.9136

Triad

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



49.5485, 49.8855, 43.0938



42.8589, 49.8855, 55.1558



50.0701, 49.8855, 66.3780

Complementary

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



49.5485, 49.8855, 43.0938



45.4015, 49.4377, 66.1813

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.



47.7067, 49.8855, 68.9533



49.5485, 49.8855, 43.0938



43.5892, 49.8855, 62.1316

Square

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



49.5485, 49.8855, 43.0938



43.3142, 49.8855, 48.5149



45.3430, 49.8855, 67.3366



51.7661, 49.8855, 60.5638

Rectangle

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



49.5485, 49.8855, 43.0938



45.5548, 49.8855, 42.8450



45.3430, 49.8855, 67.3366



49.3245, 49.8855, 67.6729

Sweetspot

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



49.5498, 49.8877, 43.0948



89.8932, 93.4726, 95.5087



48.7288, 44.2825, 55.0393



19.1249, 19.8593, 20.1445



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.



49.5498, 49.8877, 43.0948



76.3341, 75.9039, 61.5489



53.9478, 58.6836, 44.5608



12.2057, 12.6022, 12.4012



18.3900, 12.7131, 1.4846



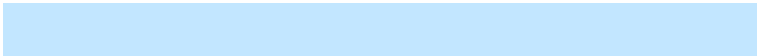
1.1057, 0.8658, 0.1088

Inverse Universe

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



45.4015, 49.4377, 66.1813



68.4376, 75.0443, 105.4857



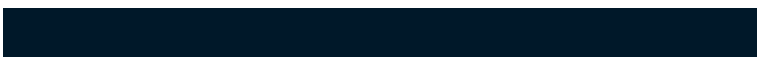
41.3825, 41.3996, 64.8416



11.7303, 12.5508, 15.0480



11.5105, 11.6677, 38.8379



0.7209, 0.8070, 2.1973

Previews

White Background



This preview shows how the XYZ color 49.5485, 49.8855, 43.0938 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 49.5485, 49.8855, 43.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

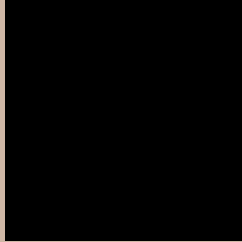
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5485, 49.8855, 43.0938

Background



This preview shows how black text looks on a background with the XYZ color 49.5485, 49.8855, 43.0938.



This preview shows how white text looks on a background with the XYZ color 49.5485, 49.8855,

43.0938.

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

49.5485, 49.8855, 43.0938

Protanopia

47.3439, 49.9699, 44.1957

Deuteranopia

50.8474, 49.9471, 43.0372



Tritanopia

52.3241, 49.7921, 57.3051

Trichromacy



Original Color

49.5485, 49.8855, 43.0938

Protanomaly

48.0871, 50.0499, 43.6854

Deuteranomaly

50.4749, 50.0580, 43.0782

Tritanomaly

51.1630, 49.6167, 51.6802

Monochromacy



Original Color

49.5485, 49.8855, 43.0938

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3028, 50.0152, 50.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5485, 49.8855, 43.0938 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(207, 183, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 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(207, 183, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 166) }
```

Border

The CSS property to change the border of an element to XYZ 49.5485, 49.8855, 43.0938 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(207, 183, 166) }
```


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

```
.border{ border-color:rgb(207, 183, 166) }
```

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

Here you see how a box with a 4 pixel rgb(207, 183, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5485, 49.8855, 43.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 166) }
```

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

```
.background{ background-color: rgb(207,  
183, 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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