

Converting Colors

XYZ(50.0745, 54.2946, 40.6864)

Have a look what the booklet for
XYZ(50.0745, 54.2946, 40.6864)
contains.

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Color

**XYZ(50.0853, 54.4006,
40.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C49F
RGB	201, 196, 159
RGB Percent	79%, 77%, 62%
CMY	0.2118, 0.2314, 0.3765
CMYK	0.00, 0.02, 0.21, 0.21
HSL	53°, 28%, 71%
HSV	53°, 21%, 79%
XYZ	50.0853, 54.4006, 40.6615
YIQ	193.2770, 14.8570, -10.4470

Conversions

Conversions Part 2

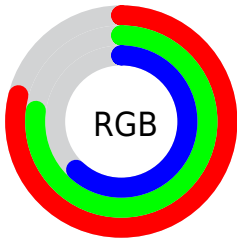
Format	Color
RYB	165, 201, 159
Decimal	13223071
CIELab	78.69, -4.31, 19.24
CIELCh	79, 19.719, 102.626
Yxy	54.4006, 0.3451, 0.3748
Android (android.graphics.Color)	4291413151 (0xFFC9C49F)
YUV	193.2770, -16.8986, 6.7731
Hunter-Lab	73.7568, -7.8620, 18.9436

Details

The XYZ color **50.0853, 54.4006, 40.6615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1159, 38.1379, 60.6109**, and the grayscale version is **50.9429, 53.5959, 58.3660**.

A 20% lighter version of the original color is **88.5029, 96.3656, 77.5541**, and **24.3595, 26.6106, 17.7624** is the 20% darker color. If you saturate the color by 10%, you get **47.9466, 52.6910, 32.0318**, and if you desaturate by 10%, it is **52.5191, 56.2457, 50.7902**.

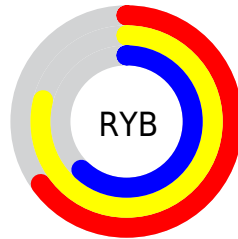
Distribution



Red (79%)

Green (77%)

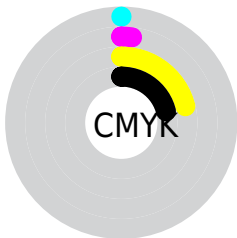
Blue (62%)



Red (65%)

Yellow (79%)

Blue (62%)

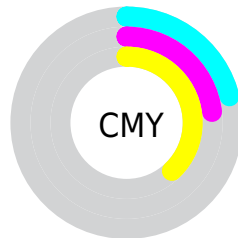


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0853, 54.4006, 40.6615 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 50.0853, 54.4006, 40.6615 by changing the saturation by 10% instead.


 50.0853, 54.4006,
40.6615


 50.0853, 54.4006,
40.6615

377.4459,
403.6358, 364.5385

 35.6993, 38.9220,
27.7370


 89.4923, 96.6622,
77.4178

 24.3710, 26.6991,
17.8902


 115.2440,
124.2140, 102.0868

 15.7353, 17.3473,
10.7025


145.5149,
156.5590, 131.5075

 9.4267, 10.4825,
5.7555

180.6705,
194.0816, 166.0987

 5.0799, 5.7200,
2.6306

221.0760,
237.1662, 206.2789

 2.3294, 2.6756,
0.9082

267.0968,

 0.8097, 0.9648,

286.1971, 252.4666

0.0000

319.0983,
341.5589, 305.0803

0.0000, 0.0000,
0.0000

50.0853, 54.4006,
40.6615

50.0853, 54.4006,
40.6615

47.9466, 52.6910,
32.0318

52.5191, 56.2457,
50.7902

46.0851, 51.1041,
24.8255

55.2566, 58.2242,
62.4818

44.4872, 49.6363,
18.9658

58.3112, 60.3434,
75.8004

43.1367, 48.2811,
14.3670

61.6942, 62.6079,
90.8058

42.0154, 47.0310,
10.9337

64.6831, 64.7288,
103.6925

■ 41.1026, 45.8777,
8.5568

■ 65.2702, 65.9030,
103.8882

■ 40.3737, 44.8113,
7.1068

■ 65.8661, 67.0949,
104.0868

■ 39.8283, 43.8993,
6.3742

■ 66.4709, 68.3045,
104.2884

■ 67.0846, 69.5318,
104.4930

Harmonies

Analogous

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



53.9763, 54.4006, 41.0206



50.0853, 54.4006, 40.6615



46.7954, 54.4006, 44.8034

Triad

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



50.0853, 54.4006, 40.6615



46.3859, 54.4006, 74.9884



59.1929, 54.4006, 65.8755

Complementary

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



50.0853, 54.4006, 40.6615



38.1159, 38.1379, 60.6109

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.



56.9489, 54.4006, 76.4692



50.0853, 54.4006, 40.6615



49.5006, 54.4006, 82.1673

Square

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



50.0853, 54.4006, 40.6615



44.7328, 54.4006, 64.0493



53.3616, 54.4006, 82.7409



59.3689, 54.4006, 54.6644

Rectangle

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



50.0853, 54.4006, 40.6615



45.3328, 54.4006, 49.9029



53.3616, 54.4006, 82.7409



58.6504, 54.4006, 69.6591

Sweetspot

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



50.0867, 54.4030, 40.6627



92.1059, 97.8979, 96.2463



43.2412, 39.9165, 40.8331



19.6484, 20.9063, 20.3190



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.



50.0867, 54.4030, 40.6627



84.0603, 91.8101, 62.7253



47.2977, 54.6658, 40.8604



11.4121, 12.1933, 11.3148



25.0868, 27.6907, 4.0226



1.2191, 1.3736, 0.2009

Inverse Universe

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



38.1159, 38.1379, 60.6109



59.9836, 59.0984, 102.8534



40.4862, 38.0587, 60.4707



10.1566, 10.4873, 13.4064



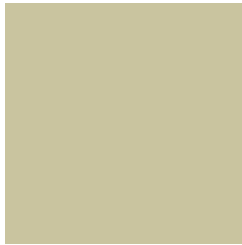
6.8687, 3.1313, 34.9867



0.3600, 0.2177, 1.6682

Previews

White Background



This preview shows how the XYZ color 50.0853, 54.4006, 40.6615 looks on a white background.

Color Contrast Check

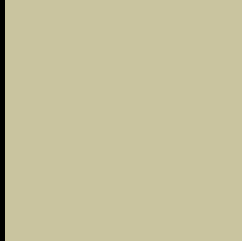
Large Text (above 18pt) WCAG AA × Fail

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 50.0853, 54.4006, 40.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

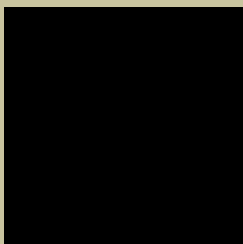
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

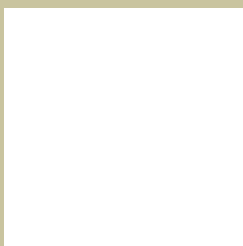
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0853, 54.4006, 40.6615

Background



This preview shows how black text looks on a background with the XYZ color 50.0853, 54.4006, 40.6615.



This preview shows how white text looks on a background with the XYZ color 50.0853, 54.4006,

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

50.0853, 54.4006, 40.6615

Protanopia

50.9169, 54.1740, 40.1208

Deuteranopia

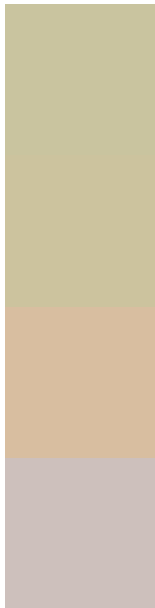
55.2547, 54.1214, 41.2525



Tritanopia

55.1650, 54.5001, 65.3697

Trichromacy



Original Color

50.0853, 54.4006, 40.6615

Protanomaly

50.5885, 54.3362, 40.1694

Deuteranomaly

53.0775, 53.9639, 40.8763

Tritanomaly

53.1036, 54.3092, 55.2608

Monochromacy



Original Color

50.0853, 54.4006, 40.6615

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3972, 53.6555, 51.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0853, 54.4006, 40.6615 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(201, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 159)  
}
```

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(201, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 159) }
```

Border

The CSS property to change the border of an element to XYZ 50.0853, 54.4006, 40.6615 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(201, 196, 159) }
```


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

```
.border{ border-color:rgb(201, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0853, 54.4006, 40.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 159) }
```

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

```
.background{ background-color: rgb(201,  
196, 159) }
```

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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