

Converting Colors

XYZ(50.7811, 57.0302, 45.1281)

Have a look what the booklet for
XYZ(50.7811, 57.0302, 45.1281)
contains.

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Color

**XYZ(50.8367, 57.1040,
44.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBA7
RGB	195, 203, 167
RGB Percent	76%, 80%, 65%
CMY	0.2353, 0.2039, 0.3451
CMYK	0.04, 0.00, 0.18, 0.20
HSL	73°, 26%, 73%
HSV	73°, 18%, 80%
XYZ	50.8367, 57.1040, 44.9020
YIQ	196.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

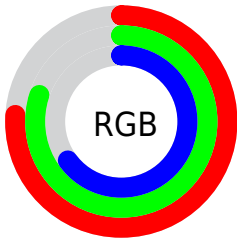
Format	Color
RYB	167, 203, 175
Decimal	12831655
CIELab	80.24, -8.95, 17.06
CIELCh	80, 19.267, 117.689
Yxy	57.1040, 0.3326, 0.3736
Android (android.graphics.Color)	4291021735 (0xFFC3CBA7)
YUV	196.5040, -14.5455, -1.3190
Hunter-Lab	75.5672, -12.1594, 17.6669

Details

The XYZ color **50.8367, 57.1040, 44.9020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2796, 41.0647, 62.2009**, and the grayscale version is **52.8553, 55.6078, 60.5569**.

A 20% lighter version of the original color is **89.0897, 97.4894, 83.2290**, and **24.8265, 28.3954, 20.3920** is the 20% darker color. If you saturate the color by 10%, you get **47.9574, 55.8215, 35.7280**, and if you desaturate by 10%, it is **54.0489, 58.5276, 55.6318**.

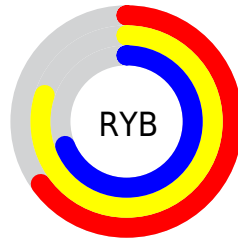
Distribution



Red (76%)

Green (80%)

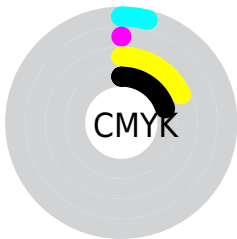
Blue (65%)



Red (65%)

Yellow (80%)

Blue (69%)

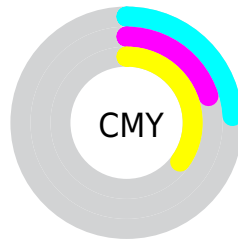


Cyan (4%)

Magenta (0%)

Yellow (18%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8367, 57.1040, 44.9020 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 50.8367, 57.1040, 44.9020 by changing the saturation by 10% instead.

■ 50.8367, 57.1040,
44.9020

■ 50.8367, 57.1040,
44.9020

380.3271,
413.8389, 382.5251

■ 36.2992, 41.0887,
31.0379

■ 90.5978, 100.6169,
83.8902

■ 24.8365, 28.3884,
20.3690

■ 116.5520,
128.8834, 109.8514

■ 16.0834, 18.6187,
12.4768

147.0426,
162.0024, 140.6820

■ 9.6744, 11.3951,
6.9428

182.4348,
200.3583, 176.8005

■ 5.2442, 6.3332,
3.3485

223.0940,
244.3355, 218.6255

■ 2.4275, 3.0487,
1.2752

269.3855,

■ 0.8588, 1.1572,

294.3184, 266.5756

0.0413

321.6748,
350.6914, 321.0693

■ 0.0000, 0.0264,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8367, 57.1040,
44.9020

■ 50.8367, 57.1040,
44.9020

■ 47.9574, 55.8215,
35.7280

■ 54.0489, 58.5276,
55.6318

■ 45.3925, 54.6669,
28.0338

■ 57.6027, 60.0899,
67.9811

■ 43.1283, 53.6366,
21.7428

■ 61.5118, 61.7986,
82.0146

■ 41.1485, 52.7239,
16.7698

■ 65.7880, 63.6583,
97.7926

■ 39.4348, 51.9217,
13.0206

■ 68.1910, 64.7729,
103.5161

■ 37.9665, 51.2215,
10.3884

■ 69.5556, 65.4763,
103.5800

■ 36.7197, 50.6138,
8.7481

■ 70.9573, 66.1989,
103.6456

■ 35.6598, 50.0846,
7.9199

■ 72.3962, 66.9407,
103.7129

■ 35.4329, 49.9705,
7.7778

■ 73.8727, 67.7019,
103.7820

Harmonies

Analogous

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



54.5812, 57.1040, 42.9487



50.8367, 57.1040, 44.9020



48.1315, 57.1040, 51.3030

Triad

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



50.8367, 57.1040, 44.9020



50.3327, 57.1040, 82.3374



62.1884, 57.1040, 63.0540

Complementary

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



50.8367, 57.1040, 44.9020



42.2796, 41.0647, 62.2009

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.



60.9216, 57.1040, 74.4872



50.8367, 57.1040, 44.9020



53.9713, 57.1040, 86.4263

Square

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



50.8367, 57.1040, 44.9020



47.8506, 57.1040, 72.7939



57.8663, 57.1040, 83.3950



61.2516, 57.1040, 52.6453

Rectangle

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



50.8367, 57.1040, 44.9020



47.2170, 57.1040, 57.6718



57.8663, 57.1040, 83.3950



62.0049, 57.1040, 66.9099

Sweetspot

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



50.8382, 57.1065, 44.9032



92.0294, 98.6722, 98.3966



46.8967, 46.0704, 42.9808



19.6098, 21.0810, 20.7571



0.0000, 0.0000, 0.0000



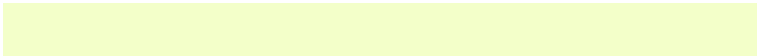
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8382, 57.1065, 44.9032



83.3506, 94.8299, 69.4472



46.5100, 54.8752, 44.7007



11.9004, 12.9660, 11.9549



22.6291, 31.8410, 4.9533



1.2292, 1.6745, 0.2584

Inverse Universe

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



42.2796, 41.0647, 62.2009



66.5854, 63.4027, 103.3363



46.5415, 43.2618, 62.4004



10.8311, 10.9623, 14.1154



7.6175, 3.1345, 36.1598



0.4603, 0.1964, 1.8686

Previews

White Background



This preview shows how the XYZ color 50.8367, 57.1040, 44.9020 looks on a white background.

Color Contrast Check

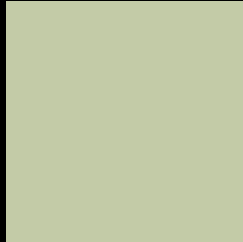
Large Text (above 18pt) WCAG AA × Fail

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 50.8367, 57.1040, 44.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

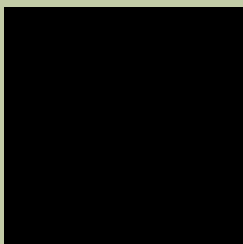
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

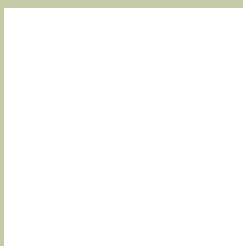
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8367, 57.1040, 44.9020

Background



This preview shows how black text looks on a background with the XYZ color 50.8367, 57.1040, 44.9020.



This preview shows how white text looks on a background with the XYZ color 50.8367, 57.1040,

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

50.8367, 57.1040, 44.9020

Protanopia

53.5640, 56.8064, 43.7389

Deuteranopia

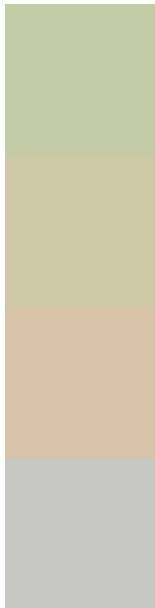
58.1053, 56.7842, 45.4341



Tritanopia

55.9373, 57.1035, 70.3612

Trichromacy



Original Color

50.8367, 57.1040, 44.9020

Protanomaly

52.7140, 57.0409, 44.3081

Deuteranomaly

55.1983, 56.6091, 45.0632

Tritanomaly

53.9404, 56.9745, 60.3788

Monochromacy



Original Color

50.8367, 57.1040, 44.9020

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0513, 56.1278, 54.5447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8367, 57.1040, 44.9020 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(195, 203, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 167)  
}
```

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(195, 203, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 167) }
```

Border

The CSS property to change the border of an element to XYZ 50.8367, 57.1040, 44.9020 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(195, 203, 167) }
```


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

```
.border{ border-color:rgb(195, 203, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8367, 57.1040, 44.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 167) }
```

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

```
.background{ background-color: rgb(195,  
203, 167) }
```

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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