

Converting Colors

XYZ(50.7001, 48.3335, 44.4390)

Have a look what the booklet for
XYZ(50.7001, 48.3335, 44.4390)
contains.

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Color

**XYZ(50.7111, 48.3623,
44.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B0A9
RGB	215, 176, 169
RGB Percent	84%, 69%, 66%
CMY	0.1569, 0.3098, 0.3372
CMYK	0.00, 0.18, 0.21, 0.16
HSL	9°, 37%, 75%
HSV	9°, 21%, 84%
XYZ	50.7111, 48.3623, 44.1982
YIQ	186.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

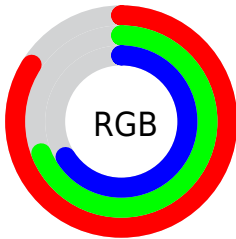
Format	Color
R _Y B	215, 177, 169
Decimal	14135465
CIE Lab	75.05, 13.06, 8.90
CIE LCh	75, 15.808, 34.276
Yxy	48.3623, 0.3540, 0.3376
Android (android.graphics.Color)	4292325545 (0xFFD7B0A9)
YUV	186.8630, -8.8065, 24.6761
Hunter-Lab	69.5430, 8.4628, 10.9982

Details

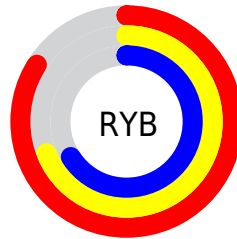
The XYZ color **50.7111, 48.3623, 44.1982** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1833, 58.4516, 72.8750**, and the grayscale version is **47.1959, 49.6538, 54.0730**.

A 20% lighter version of the original color is **83.5512, 84.3550, 82.3995**, and **24.7910, 22.9239, 19.9477** is the 20% darker color. If you saturate the color by 10%, you get **45.5196, 40.9478, 33.3150**, and if you desaturate by 10%, it is **56.7171, 56.8736, 56.9914**.

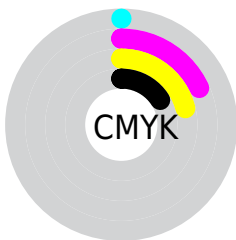
Distribution



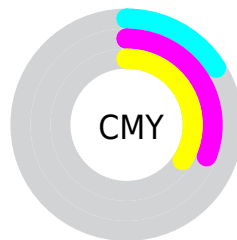
- Red (84%)
- Green (69%)
- Blue (66%)



- Red (84%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7111, 48.3623, 44.1982 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 50.7111, 48.3623, 44.1982 by changing the saturation by 10% instead.


 50.7111, 48.3623,
44.1982

 50.7111, 48.3623,
44.1982


379.8465,
380.2264, 379.5815

 36.1988, 34.1139,
30.4880


 90.4131, 87.7436,
82.8216

 24.7586, 22.9811,
19.9541


116.3336,
113.6453, 108.5718

 16.0251, 14.5796,
12.1779


146.7875,
144.2001, 139.1725

 9.6329, 8.5248,
6.7410

182.1403,
179.7926, 175.0422

 5.2166, 4.4326,
3.2247

222.7572,
220.8071, 216.5994

 2.4110, 1.9184,
1.2105

269.0036,

 0.8506, 0.5594,

267.6279, 264.2626

0.0000

321.2449,
320.6396, 318.4505

■ 0.0000, 0.0000,
0.0000

■ 50.7111, 48.3623,
44.1982

■ 50.7111, 48.3623,
44.1982

■ 45.5196, 40.9478,
33.3150

■ 56.7171, 56.8736,
56.9914

■ 41.1033, 34.5792,
24.2471

■ 63.5665, 66.5170,
71.7770

■ 37.4258, 29.2110,
16.8963

■ 71.2919, 77.3344,
88.6365

■ 34.4460, 24.7920,
11.1537

■ 79.9226, 89.3634,
107.6442

■ 32.1189, 21.2666,
6.8980

■ 81.8345, 93.1872,
108.2815

■ 30.3937, 18.5728,
3.9906

■ 29.2120, 16.6409,
2.2664

■ 28.5611, 15.5203,
1.4904

Harmonies

Analogous

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



51.7312, 48.3623, 51.4812



50.7111, 48.3623, 44.1982



48.4201, 48.3623, 39.5884

Triad

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



50.7111, 48.3623, 44.1982



41.1424, 48.3623, 46.0514



46.3823, 48.3623, 70.1674

Complementary

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



50.7111, 48.3623, 44.1982



51.1833, 58.4516, 72.8750

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.



43.5980, 48.3623, 68.3283



50.7111, 48.3623, 44.1982



40.6476, 48.3623, 53.8533

Square

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



50.7111, 48.3623, 44.1982



42.9093, 48.3623, 40.5771



41.5282, 48.3623, 62.1345



49.1665, 48.3623, 66.9270

Rectangle

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



50.7111, 48.3623, 44.1982



46.5231, 48.3623, 38.3634



41.5282, 48.3623, 62.1345



45.4152, 48.3623, 70.1249

Sweetspot

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



50.7124, 48.3645, 44.1992



88.6846, 91.0553, 95.1059



53.6103, 47.3826, 66.0597



18.8399, 19.2893, 20.0495



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.



50.7124, 48.3645, 44.1992



70.7691, 65.6737, 56.9199



55.5867, 58.1130, 45.8240



12.5744, 12.7230, 12.9537



17.1316, 9.3805, 0.9077



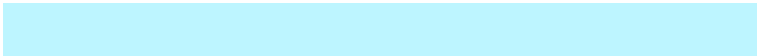
1.0826, 0.6645, 0.0712

Inverse Universe

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



51.1833, 58.4516, 72.8750



71.5856, 83.2478, 106.9032



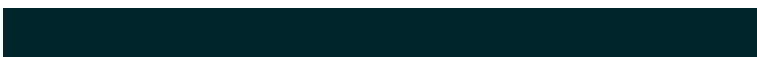
45.9984, 48.0817, 71.1467



12.6236, 13.7707, 15.9302



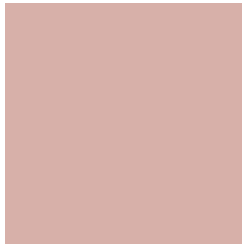
17.4367, 23.1353, 41.9997



1.0963, 1.4846, 2.5481

Previews

White Background



This preview shows how the XYZ color 50.7111, 48.3623, 44.1982 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 50.7111, 48.3623, 44.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

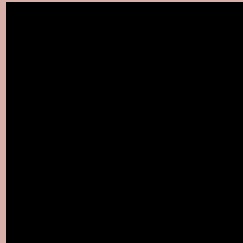
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7111, 48.3623, 44.1982

Background



This preview shows how black text looks on a background with the XYZ color 50.7111, 48.3623, 44.1982.



This preview shows how white text looks on a background with the XYZ color 50.7111, 48.3623,

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

50.7111, 48.3623, 44.1982

Protanopia

46.1692, 48.3745, 46.4390

Deuteranopia

49.3763, 48.2607, 44.2489



Tritanopia

52.5285, 48.2267, 53.5538

Trichromacy



Original Color

50.7111, 48.3623, 44.1982

Protanomaly

47.7897, 48.3057, 45.8349

Deuteranomaly

49.7475, 48.1577, 44.2095

Tritanomaly

51.6932, 48.1663, 49.7525

Monochromacy



Original Color

50.7111, 48.3623, 44.1982

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.1977, 49.0326, 50.1040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7111, 48.3623, 44.1982 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(215, 176, 169) looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 169)  
}
```

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(215, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 169) }
```

Border

The CSS property to change the border of an element to XYZ 50.7111, 48.3623, 44.1982 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(215, 176, 169) }
```


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

```
.border{ border-color:rgb(215, 176, 169) }
```

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

Here you see how a box with a 4 pixel rgb(215, 176, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7111, 48.3623, 44.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 169) }
```

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

```
.background{ background-color: rgb(215,  
176, 169) }
```

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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