

Converting Colors

XYZ(50.4189, 48.4927, 44.7339)

Have a look what the booklet for
XYZ(50.4189, 48.4927, 44.7339)
contains.

XYZ(50.4184, 48.4927, 44.7329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.4184, 48.4927,
44.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B1AA
RGB	213, 177, 170
RGB Percent	84%, 69%, 67%
CMY	0.1647, 0.3059, 0.3333
CMYK	0.00, 0.17, 0.20, 0.16
HSL	10°, 34%, 75%
HSV	10°, 20%, 84%
XYZ	50.4184, 48.4927, 44.7329
YIQ	186.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

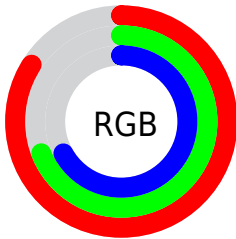
Format	Color
RYB	213, 178, 170
Decimal	14004650
CIELab	75.13, 11.93, 8.45
CIElCh	75, 14.617, 35.310
Yxy	48.4927, 0.3510, 0.3376
Android (android.graphics.Color)	4292194730 (0xFFD5B1AA)
YUV	186.9660, -8.3642, 22.8318
Hunter-Lab	69.6367, 7.3734, 10.6593

Details

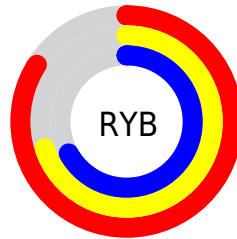
The XYZ color **50.4184, 48.4927, 44.7329** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6586, 57.4913, 71.3780**, and the grayscale version is **47.2523, 49.7131, 54.1376**.

A 20% lighter version of the original color is **83.9695, 84.9741, 83.2101**, and **24.5782, 22.9924, 20.2821** is the 20% darker color. If you saturate the color by 10%, you get **45.2699, 41.1630, 33.8682**, and if you desaturate by 10%, it is **56.3562, 56.8778, 57.4725**.

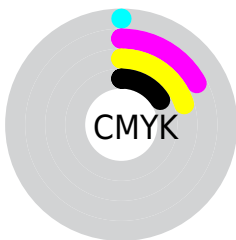
Distribution



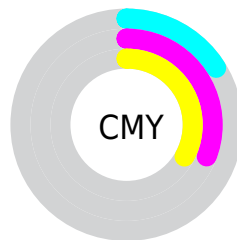
- Red (84%)
- Green (69%)
- Blue (67%)



- Red (84%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4184, 48.4927, 44.7329 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 50.4184, 48.4927, 44.7329 by changing the saturation by 10% instead.

 50.4184, 48.4927,
44.7329

 50.4184, 48.4927,
44.7329


378.7249,
380.7418, 381.8193

 35.9651, 34.2172,
30.9057


 89.9826, 87.9375,
83.6337

 24.5772, 23.0605,
20.2692


115.8242,
113.8757, 109.5443

 15.8894, 14.6382,
12.4048

146.1927,
144.4702, 140.3197

 9.5363, 8.5659,
6.8941

181.4534,
180.1054, 176.3787

 5.1525, 4.4591,
3.3185

221.9715,
221.1658, 218.1395

 2.3727, 1.9336,
1.2595

268.1126,

 0.8315, 0.5684,

268.0357, 266.0209

0.0282

320.2420,
321.0996, 320.4413

■ 0.0000, 0.0000,
0.0000

■ 50.4184, 48.4927,
44.7329

■ 50.4184, 48.4927,
44.7329

■ 45.2699, 41.1630,
33.8682

■ 56.3562, 56.8778,
57.4725

■ 40.8734, 34.8404,
24.7867

■ 63.1108, 66.3509,
72.1666

■ 37.1943, 29.4826,
17.3936

■ 70.7132, 76.9517,
88.8939

■ 34.1939, 25.0418,
11.5843

■ 79.1589, 88.7026,
107.5569

■ 31.8296, 21.4660,
7.2421

■ 81.2507, 92.8862,
108.2542

■ 30.0538, 18.6979,
4.2344

■ 28.8117, 16.6731,
2.4043

■ 28.0328, 15.3304,
1.4816

Harmonies

Analogous

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



51.4062, 48.4927, 51.4484



50.4184, 48.4927, 44.7329



48.2737, 48.4927, 40.5115

Triad

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



50.4184, 48.4927, 44.7329



41.5722, 48.4927, 46.8811



46.5686, 48.4927, 68.8738

Complementary

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



50.4184, 48.4927, 44.7329



50.6586, 57.4913, 71.3780

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.



43.9748, 48.4927, 67.3524



50.4184, 48.4927, 44.7329



41.1551, 48.4927, 54.1757

Square

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



50.4184, 48.4927, 44.7329



43.1804, 48.4927, 41.6652



42.0183, 48.4927, 61.7836



49.1292, 48.4927, 65.7612

Rectangle

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



50.4184, 48.4927, 44.7329



46.5129, 48.4927, 39.4335



42.0183, 48.4927, 61.7836



45.6714, 48.4927, 68.8904

Sweetspot

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



50.4197, 48.4949, 44.7339



88.7330, 91.1522, 95.1220



53.0233, 47.3792, 65.0943



18.8513, 19.3121, 20.0533



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.



50.4197, 48.4949, 44.7339



72.4931, 68.2219, 60.2686



54.8794, 57.4142, 46.2205



12.5850, 12.7443, 12.9573



17.1731, 9.4635, 0.9215



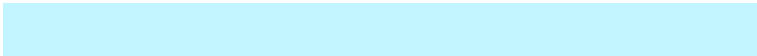
1.0876, 0.6745, 0.0729

Inverse Universe

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



50.6586, 57.4913, 71.3780



72.9087, 83.9867, 106.9761



45.9478, 48.0696, 69.8078



12.6120, 13.7474, 15.9263



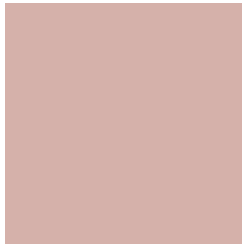
17.1620, 22.5858, 41.9081



1.0822, 1.4563, 2.5434

Previews

White Background



This preview shows how the XYZ color 50.4184, 48.4927, 44.7329 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 50.4184, 48.4927, 44.7329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

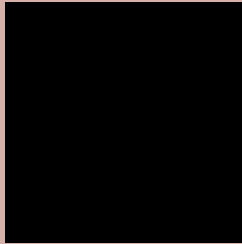
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4184, 48.4927, 44.7329

Background



This preview shows how black text looks on a background with the XYZ color 50.4184, 48.4927, 44.7329.



This preview shows how white text looks on a background with the XYZ color 50.4184, 48.4927,

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

50.4184, 48.4927, 44.7329

Protanopia

46.2663, 48.4133, 46.9506

Deuteranopia

49.6703, 48.6978, 44.8119



Tritanopia

52.2375, 48.3500, 54.1562

Trichromacy



Original Color

50.4184, 48.4927, 44.7329

Protanomaly

47.6199, 48.2070, 46.3302

Deuteranomaly

49.7544, 48.4447, 44.7586

Tritanomaly

51.4020, 48.2923, 50.3282

Monochromacy



Original Color

50.4184, 48.4927, 44.7329

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0389, 48.9389, 50.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4184, 48.4927, 44.7329 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(213, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 170)  
}
```

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(213, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 170) }
```

Border

The CSS property to change the border of an element to XYZ 50.4184, 48.4927, 44.7329 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(213, 177, 170) }
```


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

```
.border{ border-color:rgb(213, 177, 170) }
```

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

Here you see how a box with a 4 pixel rgb(213, 177, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4184, 48.4927, 44.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 170) }
```

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

```
.background{ background-color: rgb(213,  
177, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor