

Converting Colors

XYZ(50.1086, 47.2633, 45.1010)

Have a look what the booklet for
XYZ(50.1086, 47.2633, 45.1010)
contains.

XYZ(50.0258, 47.1236, 44.9872)	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(50.0258, 47.1236,
44.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADAB
RGB	214, 173, 171
RGB Percent	84%, 68%, 67%
CMY	0.1608, 0.3215, 0.3294
CMYK	0.00, 0.19, 0.20, 0.16
HSL	3°, 34%, 75%
HSV	3°, 20%, 84%
XYZ	50.0258, 47.1236, 44.9872
YIQ	185.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

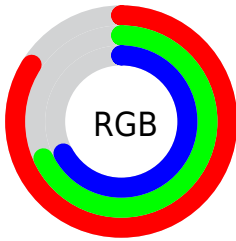
Format	Color
R _Y B	214, 173, 171
Decimal	14069163
CIE Lab	74.27, 14.61, 6.67
CIE LCh	74, 16.060, 24.558
Yxy	47.1236, 0.3520, 0.3315
Android (android.graphics.Color)	4292259243 (0xFFD6ADAB)
YUV	185.0310, -6.9173, 25.4058
Hunter-Lab	68.6466, 9.9491, 9.1973

Details

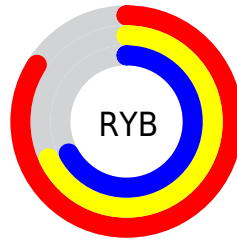
The XYZ color **50.0258, 47.1236, 44.9872** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4751, 60.5982, 72.5495**, and the grayscale version is **46.1599, 48.5638, 52.8860**.

A 20% lighter version of the original color is **82.9868, 82.7896, 83.5576**, and **24.4652, 22.3776, 20.4826** is the 20% darker color. If you saturate the color by 10%, you get **44.5310, 39.1380, 33.8935**, and if you desaturate by 10%, it is **56.4509, 56.4404, 58.0214**.

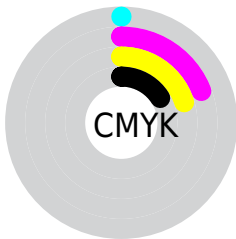
Distribution



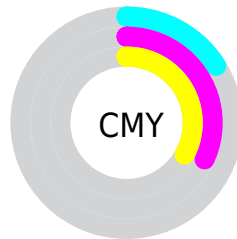
- Red (84%)
- Green (68%)
- Blue (67%)



- Red (84%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0258, 47.1236, 44.9872 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 50.0258, 47.1236, 44.9872 by changing the saturation by 10% instead.


 50.0258, 47.1236,
44.9872

 50.0258, 47.1236,
44.9872


377.2171,
375.3077, 382.8803

 35.6518, 33.1334,
31.1045


 89.4047, 85.8981,
84.0194

 24.3342, 22.2286,
20.4193


115.1403,
111.4511, 110.0060

 15.7078, 14.0250,
12.5131


145.3938,
141.6273, 140.8644

 9.4072, 8.1381,
6.9674

180.5305,
176.8108, 177.0129

 5.0669, 4.1834,
3.3636

220.9159,
217.3863, 218.8702

 2.3217, 1.7767,
1.2831

266.9152,

 0.8058, 0.4726,

263.7380, 266.8549

0.0479

318.8938,
316.2503, 321.3854

■ 0.0000, 0.0000,
0.0000

■ 50.0258, 47.1236,
44.9872

■ 50.0258, 47.1236,
44.9872

■ 44.5310, 39.1380,
33.8935

■ 56.4509, 56.4404,
58.0214

■ 39.9197, 32.4169,
24.6447

■ 63.8426, 67.1384,
73.0795

■ 36.1469, 26.8973,
17.1417

■ 72.2397, 79.2731,
90.2437

■ 33.1623, 22.5084,
11.2748

■ 81.4192, 92.7913,
108.2270

■ 30.9099, 19.1719,
6.9221

■ 81.5417, 93.0362,
108.2678

■ 29.3264, 16.7997,
3.9443

■ 28.3379, 15.2891,
2.1768

■ 27.8399, 14.5127,
1.3339

Harmonies

Analogous

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



50.5407, 47.1236, 52.8309



50.0258, 47.1236, 44.9872



48.0833, 47.1236, 39.4265

Triad

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



50.0258, 47.1236, 44.9872



40.4213, 47.1236, 42.6390



44.2656, 47.1236, 68.8017

Complementary

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



50.0258, 47.1236, 44.9872



52.4751, 60.5982, 72.5495

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.



41.6498, 47.1236, 65.3685



50.0258, 47.1236, 44.9872



39.4922, 47.1236, 49.8178

Square

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



50.0258, 47.1236, 44.9872



42.5238, 47.1236, 38.1761



39.9321, 47.1236, 58.1982



47.1344, 47.1236, 67.1550

Rectangle

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



50.0258, 47.1236, 44.9872



46.2826, 47.1236, 37.4715



39.9321, 47.1236, 58.1982



43.3290, 47.1236, 68.1933

Sweetspot

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



50.0271, 47.1257, 44.9882



88.2055, 90.0972, 94.9462



54.2502, 48.2046, 69.1082



18.7271, 19.0637, 20.0119



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.



50.0271, 47.1257, 44.9882



70.8426, 64.9209, 59.7184



54.3596, 55.7908, 46.4324



12.4692, 12.5127, 12.9187



16.8484, 8.8140, 0.8133



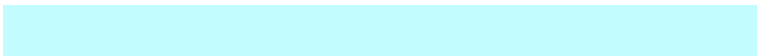
1.0329, 0.5651, 0.0546

Inverse Universe

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



52.4751, 60.5982, 72.5495



75.1036, 88.3764, 107.7077



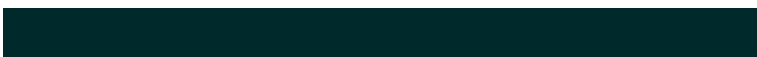
47.5780, 50.8042, 70.9171



12.7403, 14.0040, 15.9691



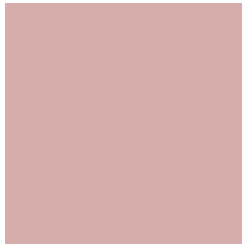
20.4135, 29.0888, 42.9919



1.2469, 1.7858, 2.5983

Previews

White Background



This preview shows how the XYZ color 50.0258, 47.1236, 44.9872 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 50.0258, 47.1236, 44.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

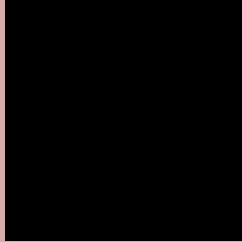
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0258, 47.1236, 44.9872

Background



This preview shows how black text looks on a background with the XYZ color 50.0258, 47.1236, 44.9872.



This preview shows how white text looks on a background with the XYZ color 50.0258, 47.1236,

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

50.0258, 47.1236, 44.9872

Protanopia

45.3035, 47.2819, 47.8129

Deuteranopia

48.1547, 47.3257, 44.6270



Tritanopia

51.5335, 47.1854, 51.7390

Trichromacy



Original Color

50.0258, 47.1236, 44.9872

Protanomaly

46.7860, 47.1665, 46.6826

Deuteranomaly

48.7935, 47.3628, 44.6005

Tritanomaly

50.9135, 47.2068, 49.0762

Monochromacy



Original Color

50.0258, 47.1236, 44.9872

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.5270, 48.0788, 49.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0258, 47.1236, 44.9872 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(214, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 171)  
}
```

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(214, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.0258, 47.1236, 44.9872 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(214, 173, 171) }
```


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

```
.border{ border-color:rgb(214, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0258, 47.1236, 44.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 171) }
```

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

```
.background{ background-color: rgb(214,  
173, 171) }
```

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