

Converting Colors

XYZ(49.1680, 45.0692, 45.3746)

Have a look what the booklet for
XYZ(49.1680, 45.0692, 45.3746)
contains.

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Color

**XYZ(48.9967, 44.9121,
45.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A7AC
RGB	214, 167, 172
RGB Percent	84%, 65%, 67%
CMY	0.1608, 0.3451, 0.3255
CMYK	0.00, 0.22, 0.20, 0.16
HSL	354°, 36%, 75%
HSV	354°, 22%, 84%
XYZ	48.9967, 44.9121, 45.1162
YIQ	181.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

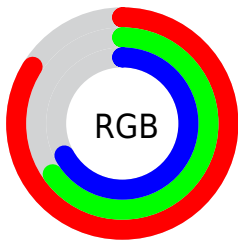
Format	Color
R_{YB}	214, 167, 172
Decimal	14067628
CIE _{Lab}	72.83, 18.00, 4.06
CIE _{LCh}	73, 18.456, 12.704
Yxy	44.9121, 0.3524, 0.3231
Android (android.graphics.Color)	4292257708 (0xFFD6A7AC)
YUV	181.6230, -4.7441, 28.3946
Hunter-Lab	67.0165, 13.2250, 6.9969

Details

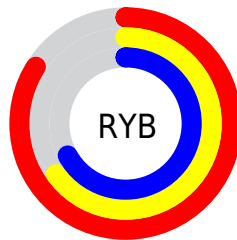
The XYZ color **48.9967, 44.9121, 45.1162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4934, 60.9133, 69.3681**, and the grayscale version is **44.2744, 46.5801, 50.7257**.

A 20% lighter version of the original color is **81.2264, 79.0486, 83.6499**, and **23.8190, 20.9885, 20.5651** is the 20% darker color. If you saturate the color by 10%, you get **43.6894, 37.0283, 34.9278**, and if you desaturate by 10%, it is **55.2196, 54.2032, 56.9149**.

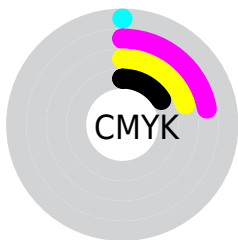
Distribution



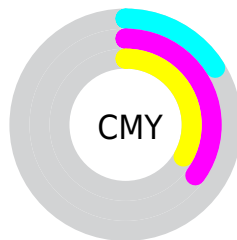
- Red (84%)
- Green (65%)
- Blue (67%)



- Red (84%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9967, 44.9121, 45.1162 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 48.9967, 44.9121, 45.1162 by changing the saturation by 10% instead.


 48.9967, 44.9121,
45.1162


 48.9967, 44.9121,
45.1162


373.2465,
366.4174, 383.4178

 34.8314, 31.3882,
31.2053


 87.8873, 82.5885,
84.2151

 23.6989, 20.8946,
20.4955


 113.3433,
107.5098, 110.2401

 15.2340, 13.0470,
12.5681


143.2936,
136.9990, 141.1404

 9.0711, 7.4609,
7.0046

178.1035,
171.4405, 177.3343

 4.8451, 3.7520,
3.3865

218.1384,
211.2187, 219.2405

 2.1905, 1.5358,
1.2952

263.7636,

 0.7377, 0.3137,

256.7180, 267.2774

0.0579

315.3445,
308.3228, 321.8637

■ 0.0000, 0.0000,
0.0000

■ 48.9967, 44.9121,
45.1162

■ 48.9967, 44.9121,
45.1162

■ 43.6894, 37.0283,
34.9278

■ 55.2196, 54.2032,
56.9149

■ 39.2509, 30.4773,
26.2773

■ 62.3945, 64.9590,
70.3868

■ 35.6357, 25.1872,
19.0904

■ 70.5607, 77.2413,
85.5946

■ 32.7928, 21.0768,
13.2861

■ 79.7538, 91.1064,
102.5971

■ 30.6655, 18.0555,
8.7750

■ 81.5418, 93.0363,
108.2678

■ 29.1892, 16.0194,
5.4574

■ 28.2873, 14.8443,
3.2187

■ 27.8840, 14.3571,
2.0991

Harmonies

Analogous

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



48.8565, 44.9121, 54.3481



48.9967, 44.9121, 45.1162



47.3863, 44.9121, 37.8654

Triad

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



48.9967, 44.9121, 45.1162



38.6366, 44.9121, 37.0271



40.8786, 44.9121, 67.7966

Complementary

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



48.9967, 44.9121, 45.1162



51.4934, 60.9133, 69.3681

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.



38.3103, 44.9121, 61.8975



48.9967, 44.9121, 45.1162



37.0612, 44.9121, 43.8318

Square

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



48.9967, 44.9121, 45.1162



41.3445, 44.9121, 33.6042



36.9448, 44.9121, 52.8931



44.0595, 44.9121, 68.2535

Rectangle

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



48.9967, 44.9121, 45.1162



45.5814, 44.9121, 34.8143



36.9448, 44.9121, 52.8931



39.9190, 44.9121, 66.3533

Sweetspot

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



48.9979, 44.9142, 45.1171



87.1547, 88.1501, 94.1194



52.1157, 45.9795, 69.7470



18.5163, 18.6603, 19.8854



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.



48.9979, 44.9142, 45.1171



69.3083, 61.5003, 60.2923



52.0605, 51.7928, 43.8148



12.4764, 12.4421, 13.1829



16.8724, 8.6853, 1.3664



1.0362, 0.5313, 0.1803

Inverse Universe

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



48.9979, 44.9142, 45.1171



69.3083, 61.5003, 60.2923



47.8118, 52.5446, 71.2410



12.4764, 12.4421, 13.1829



16.8724, 8.6853, 1.3664



1.0362, 0.5313, 0.1803

Previews

White Background



This preview shows how the XYZ color 48.9967, 44.9121, 45.1162 looks on a white background.

Color Contrast Check

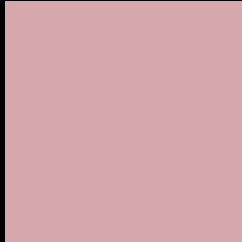
Large Text (above 18pt) WCAG AA × Fail

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 48.9967, 44.9121, 45.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

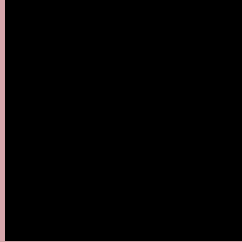
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9967, 44.9121, 45.1162

Background



This preview shows how black text looks on a background with the XYZ color 48.9967, 44.9121, 45.1162.



This preview shows how white text looks on a background with the XYZ color 48.9967, 44.9121,

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

48.9967, 44.9121, 45.1162

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.8474, 44.9695, 44.7916



Tritanopia

49.7972, 44.9742, 48.7041

Trichromacy



Original Color

48.9967, 44.9121, 45.1162

Protanomaly

45.2207, 44.8760, 47.3528

Deuteranomaly

46.8154, 44.9035, 44.7279

Tritanomaly

49.4970, 44.8541, 47.1232

Monochromacy



Original Color

48.9967, 44.9121, 45.1162

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0062, 46.1280, 48.5983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9967, 44.9121, 45.1162 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, 167, 172) looks like.

```
.text, #text, p{  
    color:rgb(214, 167, 172)  
}
```

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, 167, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 167, 172) }
```

Border

The CSS property to change the border of an element to XYZ 48.9967, 44.9121, 45.1162 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, 167, 172) }
```


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

```
.border{ border-color:rgb(214, 167, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 167, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 167, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 167, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 167,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9967, 44.9121, 45.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 167, 172) }
```

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

```
.background{ background-color: rgb(214,  
167, 172) }
```

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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