

Converting Colors

XYZ(49.5547, 44.6706, 44.8081)

Have a look what the booklet for
XYZ(49.5547, 44.6706, 44.8081)
contains.

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Color

**XYZ(49.5168, 44.6405,
45.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A5AC
RGB	217, 165, 172
RGB Percent	85%, 65%, 67%
CMY	0.1490, 0.3529, 0.3255
CMYK	0.00, 0.24, 0.21, 0.15
HSL	352°, 41%, 75%
HSV	352°, 24%, 85%
XYZ	49.5168, 44.6405, 45.0364
YIQ	181.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

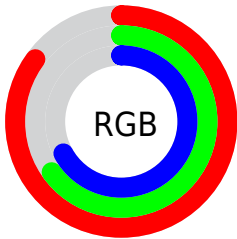
Format	Color
RYB	217, 165, 172
Decimal	14263724
CIELab	72.65, 20.19, 3.84
CIELCh	73, 20.553, 10.760
Yxy	44.6405, 0.3557, 0.3207
Android (android.graphics.Color)	4292453804 (0xFFD9A5AC)
YUV	181.3460, -4.6076, 31.2686
Hunter-Lab	66.8135, 15.3661, 6.8044

Details

The XYZ color **49.5168, 44.6405, 45.0364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9646, 62.2793, 70.2581**, and the grayscale version is **44.1225, 46.4203, 50.5517**.

A 20% lighter version of the original color is **80.6983, 77.9925, 83.4738**, and **23.9932, 20.7434, 20.5086** is the 20% darker color. If you saturate the color by 10%, you get **44.2518, 36.7957, 35.0027**, and if you desaturate by 10%, it is **55.7032, 53.9195, 56.6359**.

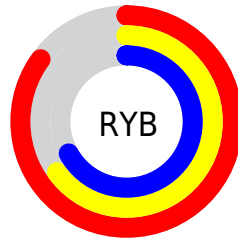
Distribution



Red (85%)

Green (65%)

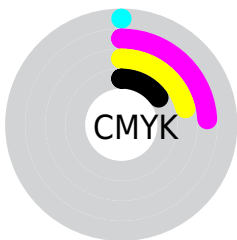
Blue (67%)



Red (85%)

Yellow (65%)

Blue (67%)

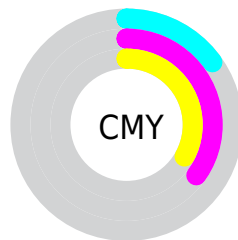


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5168, 44.6405, 45.0364 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 49.5168, 44.6405, 45.0364 by changing the saturation by 10% instead.


 49.5168, 44.6405,
45.0364


 49.5168, 44.6405,
45.0364


375.2566,
365.3156, 383.0854

 35.2458, 31.1744,
31.1429

 88.6546, 82.1807,
84.0941

 24.0197, 20.7317,
20.4483

 114.2522,
107.0235, 110.0953

 15.4731, 12.9280,
12.5341


144.3561,
136.4273, 140.9696

 9.2405, 7.3790,
6.9816

179.3316,
170.7766, 177.1355

 4.9568, 3.7002,
3.3723

219.5440,
210.4557, 219.0115

 2.2564, 1.5073,
1.2877

265.3587,

 0.7722, 0.2939,

255.8489, 267.0161

0.0517

317.1412,
307.3408, 321.5679

■ 0.0000, 0.0000,
0.0000

■ 49.5168, 44.6405,
45.0364

■ 49.5168, 44.6405,
45.0364

■ 44.2518, 36.7957,
35.0027

■ 55.7032, 53.9195,
56.6359

■ 39.8605, 30.3076,
26.4648

■ 62.8486, 64.6928,
69.8614

■ 36.2962, 25.1010,
19.3515

■ 70.9928, 77.0246,
84.7736

■ 33.5065, 21.0906,
13.5848

■ 80.1722, 90.9734,
101.4289

■ 31.4329, 18.1808,
9.0790

■ 82.4255, 93.4918,
108.3092

■ 30.0085, 16.2615,
5.7384

■ 29.1530, 15.1992,
3.4531

■ 28.8397, 14.8415,
2.5199

Harmonies

Analogous

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



49.2270, 44.6405, 55.3572



49.5168, 44.6405, 45.0364



47.8291, 44.6405, 36.8957

Triad

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



49.5168, 44.6405, 45.0364



38.1148, 44.6405, 35.2161



40.2133, 44.6405, 69.5671

Complementary

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



49.5168, 44.6405, 45.0364



51.9646, 62.2793, 70.2581

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.



37.4523, 44.6405, 62.5638



49.5168, 44.6405, 45.0364



36.2884, 44.6405, 42.4272

Square

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



49.5168, 44.6405, 45.0364



41.1641, 44.6405, 31.7764



36.0529, 44.6405, 52.3592



43.7205, 44.6405, 70.5243

Rectangle

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



49.5168, 44.6405, 45.0364



45.8621, 44.6405, 33.4262



36.0529, 44.6405, 52.3592



39.1725, 44.6405, 67.8002

Sweetspot

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



49.5180, 44.6426, 45.0373



87.2293, 88.1799, 94.5123



52.3320, 45.5066, 71.6715



18.5335, 18.6672, 19.9761



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.



49.5180, 44.6426, 45.0373



67.1780, 58.0897, 56.9620



52.3830, 51.4196, 42.7639



13.1270, 13.0799, 13.9301



17.4802, 8.9931, 1.6426



1.1560, 0.5921, 0.2307

Inverse Universe

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



49.5180, 44.6426, 45.0373



67.1780, 58.0897, 56.9620



48.4205, 53.7656, 73.4718



13.1270, 13.0799, 13.9301



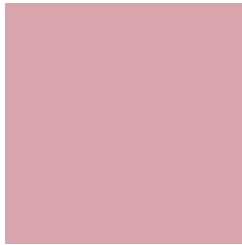
17.4802, 8.9931, 1.6426



1.1560, 0.5921, 0.2307

Previews

White Background



This preview shows how the XYZ color 49.5168, 44.6405, 45.0364 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 49.5168, 44.6405, 45.0364 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 49.5168, 44.6405, 45.0364

Background



This preview shows how black text looks on a background with the XYZ color 49.5168, 44.6405, 45.0364.



This preview shows how white text looks on a background with the XYZ color 49.5168, 44.6405,

45.0364.

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

49.5168, 44.6405, 45.0364

Protanopia

43.1131, 44.9192, 49.0458

Deuteranopia

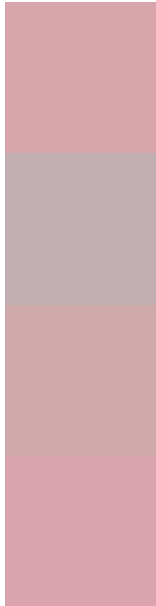
45.8474, 44.9695, 44.7916



Tritanopia

50.1247, 44.6307, 47.5677

Trichromacy



Original Color

49.5168, 44.6405, 45.0364

Protanomaly

45.0282, 44.4911, 47.2887

Deuteranomaly

47.1790, 44.8115, 44.6910

Tritanomaly

49.9268, 44.5515, 46.5253

Monochromacy



Original Color

49.5168, 44.6405, 45.0364

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.6140, 45.3436, 48.4676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5168, 44.6405, 45.0364 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(217, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 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(217, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 49.5168, 44.6405, 45.0364 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(217, 165, 172) }
```


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

```
.border{ border-color:rgb(217, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5168, 44.6405, 45.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 172) }
```

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

```
.background{ background-color: rgb(217,  
165, 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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