

Converting Colors

XYZ(49.2866, 45.0549, 50.0666)

Have a look what the booklet for
XYZ(49.2866, 45.0549, 50.0666)
contains.

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Color

**XYZ(49.3106, 44.9707,
49.7973)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A7B5
RGB	212, 167, 181
RGB Percent	83%, 65%, 71%
CMY	0.1686, 0.3451, 0.2902
CMYK	0.00, 0.21, 0.15, 0.17
HSL	341°, 34%, 74%
HSV	341°, 21%, 83%
XYZ	49.3106, 44.9707, 49.7973
YIQ	182.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

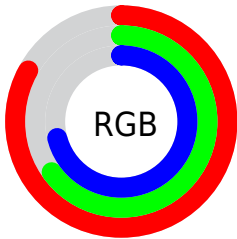
Format	Color
R _Y B	212, 167, 181
Decimal	13936565
CIE Lab	72.87, 18.69, -0.86
CIE LCh	73, 18.712, 357.357
Yxy	44.9707, 0.3422, 0.3121
Android (android.graphics.Color)	4292126645 (0xFFD4A7B5)
YUV	182.0510, -0.5181, 26.2653
Hunter-Lab	67.0602, 13.8990, 2.9148

Details

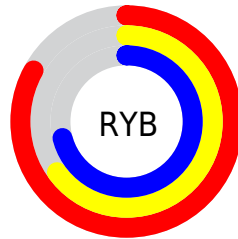
The XYZ color **49.3106, 44.9707, 49.7973** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6747, 59.3809, 62.2725**, and the grayscale version is **44.4865, 46.8032, 50.9687**.

A 20% lighter version of the original color is **82.6473, 79.6170, 91.1324**, and **23.9316, 20.9881, 23.2118** is the 20% darker color. If you saturate the color by 10%, you get **44.3197, 37.2626, 41.1233**, and if you desaturate by 10%, it is **55.0978, 54.0190, 59.5130**.

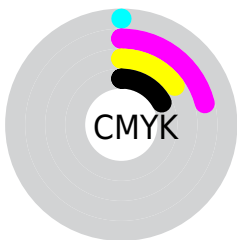
Distribution



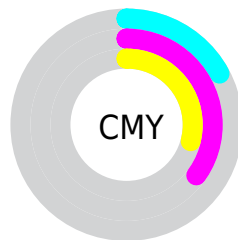
- Red (83%)
- Green (65%)
- Blue (71%)



- Red (83%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3106, 44.9707, 49.7973 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 49.3106, 44.9707, 49.7973 by changing the saturation by 10% instead.


 49.3106, 44.9707,
49.7973


 49.3106, 44.9707,
49.7973


374.4605,
366.6549, 402.5851

 35.0815, 31.4343,
34.8823


 88.3505, 82.6764,
91.2677

 23.8925, 20.9298,
23.2894


 113.8921,
107.6146, 118.6602

 15.3782, 13.0727,
14.6000


143.9351,
137.1222, 151.0489

 9.1733, 7.4786,
8.3957

178.8450,
171.5836, 188.8524

 4.9124, 3.7632,
4.2578

218.9872,
211.3831, 232.4892

 2.2302, 1.5420,
1.7678

264.7269,

 0.7586, 0.3180,

256.9053, 282.3779

0.4066

316.4296,
308.5344, 338.9370

■ 0.0000, 0.0000,
0.0000

■ 49.3106, 44.9707,
49.7973

■ 49.3106, 44.9707,
49.7973

■ 44.3197, 37.2626,
41.1233

■ 55.0978, 54.0190,
59.5130

■ 40.0856, 30.8247,
33.4525

■ 61.7110, 64.4610,
70.3015

■ 36.5708, 25.5898,
26.7479

■ 69.1830, 76.3547,
82.1959

■ 33.7332, 21.4822,
20.9692

■ 77.5437, 89.7530,
95.2274

■ 31.5259, 18.4173,
16.0729

■ 80.8058, 92.6748,
107.4202

■ 29.8959, 16.2984,
12.0115

■ 80.9616, 92.7372,
108.2407

■ 28.7804, 15.0107,
8.7320

■ 28.1333, 14.3898,
6.4402

Harmonies

Analogous

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



48.2375, 44.9707, 59.2930



49.3106, 44.9707, 49.7973



48.5513, 44.9707, 41.1759

Triad

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



49.3106, 44.9707, 49.7973



39.9291, 44.9707, 34.6986



39.4529, 44.9707, 65.6772

Complementary

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



49.3106, 44.9707, 49.7973



49.6747, 59.3809, 62.2725

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.



37.4180, 44.9707, 57.6802



49.3106, 44.9707, 49.7973



37.6829, 44.9707, 39.9126

Square

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



49.3106, 44.9707, 49.7973



43.0328, 44.9707, 33.1429



36.7866, 44.9707, 48.1429



42.4551, 44.9707, 69.1600

Rectangle

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



49.3106, 44.9707, 49.7973



47.1285, 44.9707, 36.9198



36.7866, 44.9707, 48.1429



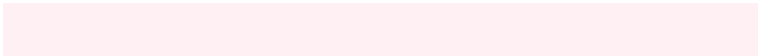
38.6390, 44.9707, 63.3818

Sweetspot

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



49.3119, 44.9727, 49.7982



88.7108, 89.9633, 98.6430



48.9269, 44.3649, 68.2724



18.8462, 19.0323, 20.8826



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.



49.3119, 44.9727, 49.7982



71.6932, 63.3379, 70.1271



49.5067, 47.5464, 43.1298



12.5808, 12.4838, 13.7325



17.4078, 8.8995, 4.1857



1.0868, 0.5515, 0.4465

Inverse Universe

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



49.3119, 44.9727, 49.7982



71.6932, 63.3379, 70.1271



49.3551, 56.0373, 70.5029



12.5808, 12.4838, 13.7325



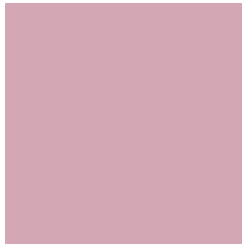
17.4078, 8.8995, 4.1857



1.0868, 0.5515, 0.4465

Previews

White Background



This preview shows how the XYZ color 49.3106, 44.9707, 49.7973 looks on a white background.

Color Contrast Check

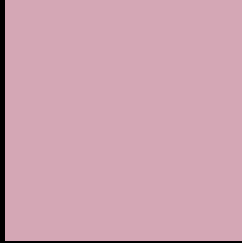
Large Text (above 18pt) WCAG AA × Fail

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 49.3106, 44.9707, 49.7973 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 49.3106, 44.9707, 49.7973

Background



This preview shows how black text looks on a background with the XYZ color 49.3106, 44.9707, 49.7973.



This preview shows how white text looks on a background with the XYZ color 49.3106, 44.9707,

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

49.3106, 44.9707, 49.7973

Protanopia

43.8199, 45.1749, 53.9870

Deuteranopia

45.9467, 44.9182, 49.4284



Tritanopia

49.2083, 44.9298, 49.2588

Trichromacy



Original Color

49.3106, 44.9707, 49.7973

Protanomaly

45.6312, 44.9814, 52.1762

Deuteranomaly

47.1582, 44.9777, 49.3761

Tritanomaly

49.2083, 44.9298, 49.2588

Monochromacy



Original Color

49.3106, 44.9707, 49.7973

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1580, 46.1591, 50.7328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3106, 44.9707, 49.7973 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(212, 167, 181) looks like.

```
.text, #text, p{  
    color:rgb(212, 167, 181)  
}
```

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(212, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 49.3106, 44.9707, 49.7973 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(212, 167, 181) }
```


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

```
.border{ border-color:rgb(212, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 167,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3106, 44.9707, 49.7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 167, 181) }
```

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

```
.background{ background-color: rgb(212,  
167, 181) }
```

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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