

Converting Colors

XYZ(49.4050, 44.7849, 48.1605)

Have a look what the booklet for
XYZ(49.4050, 44.7849, 48.1605)
contains.

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Color

**XYZ(49.4037, 44.7829,
48.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A6B2
RGB	214, 166, 178
RGB Percent	84%, 65%, 70%
CMY	0.1608, 0.3490, 0.3020
CMYK	0.00, 0.22, 0.17, 0.16
HSL	345°, 37%, 75%
HSV	345°, 22%, 84%
XYZ	49.4037, 44.7829, 48.1596
YIQ	181.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

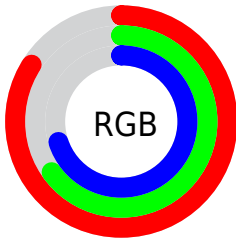
Format	Color
R _Y B	214, 166, 178
Decimal	14067378
CIE Lab	72.75, 19.48, 0.63
CIE LCh	73, 19.489, 1.857
Yxy	44.7829, 0.3471, 0.3146
Android (android.graphics.Color)	4292257458 (0xFFD6A6B2)
YUV	181.7200, -1.8340, 28.3096
Hunter-Lab	66.9200, 14.6676, 4.1754

Details

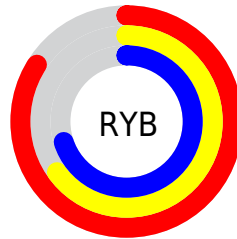
The XYZ color **49.4037, 44.7829, 48.1596** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4350, 60.4656, 64.8929**, and the grayscale version is **44.3124, 46.6201, 50.7693**.

A 20% lighter version of the original color is **81.9477, 78.9134, 88.7546**, and **24.0171, 20.8862, 22.1676** is the 20% darker color. If you saturate the color by 10%, you get **44.3141, 37.0334, 38.9716**, and if you desaturate by 10%, it is **55.3317, 53.9065, 58.5585**.

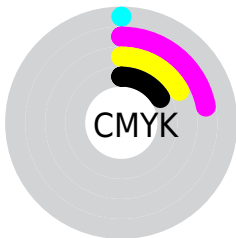
Distribution



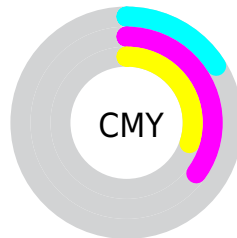
- Red (84%)
- Green (65%)
- Blue (70%)



- Red (84%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4037, 44.7829, 48.1596 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 49.4037, 44.7829, 48.1596 by changing the saturation by 10% instead.


 49.4037, 44.7829,
48.1596


 49.4037, 44.7829,
48.1596


374.8201,
365.8936, 395.9513

 35.1557, 31.2865,
33.5924


 88.4879, 82.3945,
88.8100

 23.9499, 20.8171,
22.3058


 114.0547,
107.2785, 115.7303

 15.4210, 12.9904,
13.8813


144.1252,
136.7271, 147.6054

 9.2036, 7.4219,
7.9004

179.0648,
171.1248, 184.8538

 4.9324, 3.7273,
3.9444

219.2386,
210.8559, 227.8940

 2.2420, 1.5222,
1.5949

265.0123,

 0.7647, 0.3043,

256.3048, 277.1447

0.2872

316.7510,
307.8559, 333.0243

■ 0.0000, 0.0000,
0.0000

■ 49.4037, 44.7829,
48.1596

■ 49.4037, 44.7829,
48.1596

■ 44.3141, 37.0334,
38.9716

■ 55.3317, 53.9065,
58.5585

■ 40.0206, 30.5852,
30.9470

■ 62.1303, 64.4600,
70.2080

■ 36.4830, 25.3683,
24.0391

■ 69.8346, 76.5037,
83.1492

■ 33.6559, 21.3033,
18.1968

■ 78.4765, 90.0927,
97.4206

■ 31.4886, 18.3017,
13.3651

■ 81.5418, 93.0363,
108.2678

■ 29.9237, 16.2619,
9.4833

■ 28.8930, 15.0621,
6.4835

■ 28.3857, 14.5578,
4.7411

Harmonies

Analogous

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



48.5628, 44.7829, 58.0874



49.4037, 44.7829, 48.1596



48.3330, 44.7829, 39.5734

Triad

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



49.4037, 44.7829, 48.1596



39.2226, 44.7829, 34.5862



39.5695, 44.7829, 67.1040

Complementary

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



49.4037, 44.7829, 48.1596



50.4350, 60.4656, 64.8929

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.



37.2748, 44.7829, 59.2707



49.4037, 44.7829, 48.1596



37.0822, 44.7829, 40.4904

Square

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



49.4037, 44.7829, 48.1596



42.3543, 44.7829, 32.4091



36.3881, 44.7829, 49.3673



42.7760, 44.7829, 69.8539

Rectangle

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



49.4037, 44.7829, 48.1596



46.7106, 44.7829, 35.5265



36.3881, 44.7829, 49.3673



38.6719, 44.7829, 64.9311

Sweetspot

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



49.4050, 44.7849, 48.1605



87.5363, 88.3028, 96.1292



50.1325, 44.6862, 69.6020



18.6044, 18.6955, 20.3495



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.



49.4050, 44.7849, 48.1605



69.6528, 60.7700, 64.7828



50.5364, 48.8920, 42.8523



12.5493, 12.4712, 13.5669



17.1925, 8.8133, 3.0520



1.0705, 0.5450, 0.3604

Inverse Universe

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



49.4050, 44.7849, 48.1605



69.6528, 60.7700, 64.7828



48.9856, 55.2046, 71.6927



12.5493, 12.4712, 13.5669



17.1925, 8.8133, 3.0520



1.0705, 0.5450, 0.3604

Previews

White Background



This preview shows how the XYZ color 49.4037, 44.7829, 48.1596 looks on a white background.

Color Contrast Check

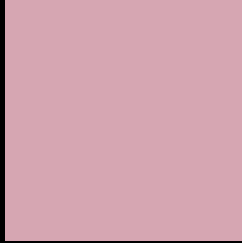
Large Text (above 18pt) WCAG AA × Fail

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 49.4037, 44.7829, 48.1596 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 49.4037, 44.7829, 48.1596

Background



This preview shows how black text looks on a background with the XYZ color 49.4037, 44.7829, 48.1596.



This preview shows how white text looks on a background with the XYZ color 49.4037, 44.7829,

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

49.4037, 44.7829, 48.1596

Protanopia

43.4997, 45.0469, 52.3012

Deuteranopia

45.9053, 44.9318, 47.8482



Tritanopia

49.5045, 44.8233, 48.6904

Trichromacy



Original Color

49.4037, 44.7829, 48.1596

Protanomaly

45.3178, 44.8560, 50.5255

Deuteranomaly

46.9391, 44.6203, 47.7336

Tritanomaly

49.5045, 44.8233, 48.6904

Monochromacy



Original Color

49.4037, 44.7829, 48.1596

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.1140, 45.8562, 50.1367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4037, 44.7829, 48.1596 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, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(214, 166, 178)  
}
```

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, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 166, 178) }
```

Border

The CSS property to change the border of an element to XYZ 49.4037, 44.7829, 48.1596 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, 166, 178) }
```


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

```
.border{ border-color:rgb(214, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(214, 166,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4037, 44.7829, 48.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 166, 178) }
```

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

```
.background{ background-color: rgb(214,  
166, 178) }
```

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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