

Converting Colors

XYZ(49.3727, 46.9607, 51.8889)

Have a look what the booklet for
XYZ(49.3727, 46.9607, 51.8889)
contains.

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Color

**XYZ(49.2414, 46.8546,
51.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAEB8
RGB	206, 174, 184
RGB Percent	81%, 68%, 72%
CMY	0.1922, 0.3176, 0.2784
CMYK	0.00, 0.16, 0.11, 0.19
HSL	341°, 25%, 75%
HSV	341°, 16%, 81%
XYZ	49.2414, 46.8546, 51.7959
YIQ	184.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

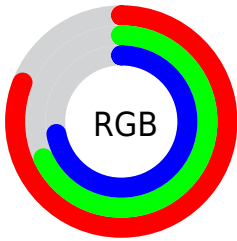
Format	Color
R _Y B	206, 174, 184
Decimal	13545144
CIE Lab	74.10, 13.23, -0.79
CIE LCh	74, 13.251, 356.596
Yxy	46.8546, 0.3330, 0.3168
Android (android.graphics.Color)	4291735224 (0xFFCEAEB8)
YUV	184.7080, -0.3490, 18.6731
Hunter-Lab	68.4504, 8.6199, 3.0510

Details

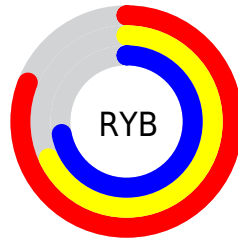
The XYZ color **49.2414, 46.8546, 51.7959** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4925, 57.1281, 60.6457**, and the grayscale version is **45.9487, 48.3416, 52.6440**.

A 20% lighter version of the original color is **85.2650, 84.1449, 94.1857**, and **23.8188, 22.1371, 24.4902** is the 20% darker color. If you saturate the color by 10%, you get **44.1518, 38.9333, 43.1372**, and if you desaturate by 10%, it is **55.0927, 56.0602, 61.4431**.

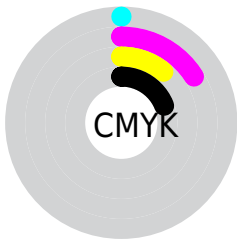
Distribution



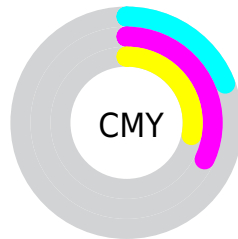
- Red (81%)
- Green (68%)
- Blue (72%)



- Red (81%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (19%)




- Cyan (19%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2414, 46.8546, 51.7959 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 49.2414, 46.8546, 51.7959 by changing the saturation by 10% instead.


 49.2414, 46.8546,
51.7959

 49.2414, 46.8546,
51.7959


374.1931,
374.2339, 410.5827

 35.0263, 32.9207,
36.4613


 88.2484, 85.4965,
94.2537

 23.8498, 22.0657,
24.4982

113.7711,
110.9734, 122.2139

 15.3464, 13.9052,
15.4880


143.7938,
141.0667, 155.2198

 9.1507, 8.0548,
9.0121

178.6816,
176.1609, 193.6899

 4.8975, 4.1300,
4.6522

218.8002,
216.6403, 238.0427

 2.2214, 1.7466,
1.9895

264.5147,

 0.7540, 0.4535,

262.8893, 288.6967

0.5488

316.1905,
315.2924, 346.0705

■ 0.0000, 0.0000,
0.0000

■ 49.2414, 46.8546,
51.7959

■ 49.2414, 46.8546,
51.7959

■ 44.1518, 38.9333,
43.1372

■ 55.0927, 56.0602,
61.4431

■ 39.7878, 32.2328,
35.4319

■ 61.7319, 66.5975,
72.1065

■ 36.1163, 26.6938,
28.6470

■ 69.1886, 78.5189,
83.8163

■ 33.1001, 22.2492,
22.7465

■ 77.0400, 90.9724,
96.4505

■ 30.6982, 18.8253,
17.6917

■ 79.2353, 91.8505,
108.0105

■ 28.8647, 16.3390,
13.4408

■ 79.2639, 91.8620,
108.1612

■ 27.5470, 14.6941,
9.9478

■ 26.6811, 13.7727,
7.1609

■ 26.3896, 13.4962,
6.1184

Harmonies

Analogous

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



48.4490, 46.8546, 58.5474



49.2414, 46.8546, 51.7959



48.7359, 46.8546, 45.3920

Triad

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



49.2414, 46.8546, 51.7959



42.5240, 46.8546, 40.2100



42.0709, 46.8546, 62.7106

Complementary

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



49.2414, 46.8546, 51.7959



49.4925, 57.1281, 60.6457

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.



40.5806, 46.8546, 57.0878



49.2414, 46.8546, 51.7959



40.8356, 46.8546, 44.1611

Square

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



49.2414, 46.8546, 51.7959



44.8051, 46.8546, 39.0620



40.1364, 46.8546, 50.2453



44.2637, 46.8546, 65.1910

Rectangle

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



49.2414, 46.8546, 51.7959



47.7404, 46.8546, 42.1069



40.1364, 46.8546, 50.2453



41.4742, 46.8546, 61.1022

Sweetspot

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



49.2427, 46.8567, 51.7969



89.7370, 91.5813, 100.3240



49.0086, 46.4485, 64.7756



19.0532, 19.3585, 21.2228



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.



49.2427, 46.8567, 51.7969



76.5868, 70.9250, 78.5407



49.3895, 48.7685, 46.8570



11.3543, 11.2704, 12.4003



16.2885, 8.3260, 3.9719



0.8746, 0.4433, 0.3857

Inverse Universe

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



49.2427, 46.8567, 51.7969



76.5868, 70.9250, 78.5407



49.2829, 54.8267, 66.3783



11.3543, 11.2704, 12.4003



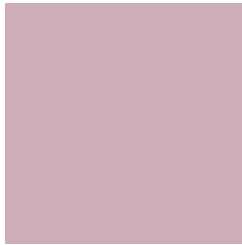
16.2885, 8.3260, 3.9719



0.8746, 0.4433, 0.3857

Previews

White Background



This preview shows how the XYZ color 49.2414, 46.8546, 51.7959 looks on a white background.

Color Contrast Check

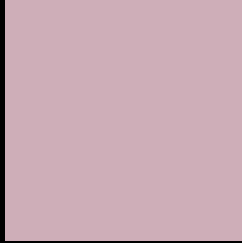
Large Text (above 18pt) WCAG AA × Fail

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 49.2414, 46.8546, 51.7959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

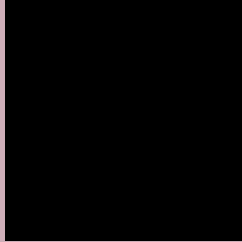
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2414, 46.8546, 51.7959

Background



This preview shows how black text looks on a background with the XYZ color 49.2414, 46.8546, 51.7959.



This preview shows how white text looks on a background with the XYZ color 49.2414, 46.8546,

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

49.2414, 46.8546, 51.7959

Protanopia

45.3681, 46.8689, 54.2324

Deuteranopia

47.9271, 47.0471, 51.9024



Tritanopia

49.5593, 46.9818, 53.4700

Trichromacy



Original Color

49.2414, 46.8546, 51.7959

Protanomaly

46.6283, 46.6351, 53.5576

Deuteranomaly

48.5342, 47.0679, 51.8744

Tritanomaly

49.4526, 46.9391, 52.9081

Monochromacy



Original Color

49.2414, 46.8546, 51.7959

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.2731, 47.8880, 52.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2414, 46.8546, 51.7959 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(206, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 174, 184)  
}
```

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(206, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.2414, 46.8546, 51.7959 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(206, 174, 184) }
```


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

```
.border{ border-color:rgb(206, 174, 184) }
```

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

Here you see how a box with a 4 pixel rgb(206, 174, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2414, 46.8546, 51.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 174, 184) }
```

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

```
.background{ background-color: rgb(206,  
174, 184) }
```

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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