

Converting Colors

XYZ(43.6492, 41.2975, 49.6886)

Have a look what the booklet for
XYZ(43.6492, 41.2975, 49.6886)
contains.

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Color

**XYZ(43.7113, 41.2658,
49.9172)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A4B6
RGB	193, 164, 182
RGB Percent	76%, 64%, 71%
CMY	0.2431, 0.3568, 0.2863
CMYK	0.00, 0.15, 0.06, 0.24
HSL	323°, 19%, 70%
HSV	323°, 15%, 76%
XYZ	43.7113, 41.2658, 49.9172
YIQ	174.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

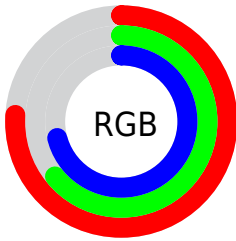
Format	Color
R _Y B	193, 164, 182
Decimal	12690614
CIE Lab	70.36, 13.69, -5.32
CIE LCh	70, 14.688, 338.784
Yxy	41.2658, 0.3240, 0.3059
Android (android.graphics.Color)	4290880694 (0xFFC1A4B6)
YUV	174.7230, 3.5876, 16.0289
Hunter-Lab	64.2385, 9.0437, -1.1050

Details

The XYZ color **43.7113, 41.2658, 49.9172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1193, 49.1288, 47.8227**, and the grayscale version is **40.5833, 42.6968, 46.4968**.

A 20% lighter version of the original color is **80.1885, 77.1601, 91.5559**, and **20.4041, 18.6623, 23.2956** is the 20% darker color. If you saturate the color by 10%, you get **39.7793, 34.5808, 44.9707**, and if you desaturate by 10%, it is **48.2094, 49.0186, 55.2486**.

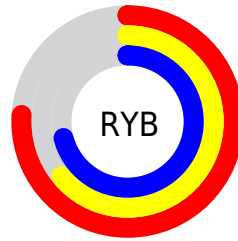
Distribution



Red (76%)

Green (64%)

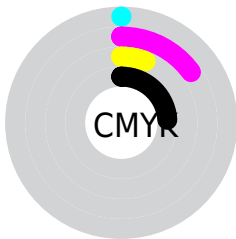
Blue (71%)



Red (76%)

Yellow (64%)

Blue (71%)

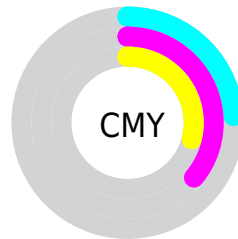


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7113, 41.2658, 49.9172 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 43.7113, 41.2658, 49.9172 by changing the saturation by 10% instead.


 43.7113, 41.2658,
49.9172


 43.7113, 41.2658,
49.9172


352.4010,
351.4303, 403.0678

 30.6405, 28.5268,
34.9769


 80.0322, 77.0872,
91.4472

 20.4758, 18.7232,
23.3617


 104.0130,
100.9385, 118.8740

 12.8516, 11.4704,
14.6530


132.3613,
129.2626, 151.3001

 7.4027, 6.3842,
8.4323

165.4423,
162.4440, 189.1439

 3.7638, 3.0801,
4.2811

203.6214,
200.8671, 232.8240

 1.5694, 1.1737,
1.7808

247.2640,

 0.3723, 0.0400,

244.9162, 282.7591

0.4152

296.7354,
294.9758, 339.3675

■ 0.0000, 0.0000,
0.0000

■ 43.7113, 41.2658,
49.9172

■ 43.7113, 41.2658,
49.9172

■ 39.7793, 34.5808,
44.9707

■ 48.2094, 49.0186,
55.2486

■ 36.3857, 28.9107,
40.3954

■ 53.2927, 57.8780,
60.9727

■ 33.5057, 24.2065,
36.1806

■ 58.9836, 67.8877,
67.1002

■ 31.1112, 20.4128,
32.3138

■ 65.3026, 79.0873,
73.6408

■ 29.1710, 17.4686,
28.7814

■ 70.4874, 87.9515,
80.0098

■ 27.6505, 15.3053,
25.5686

■ 71.4706, 88.3448,
85.1873

■ 26.5094, 13.8435,
22.6586

■ 72.4967, 88.7553,
90.5907

■ 25.6988, 12.9869,
20.0318

■ 73.5663, 89.1831,
96.2228

■ 25.3697, 12.6884,
18.8128

■ 74.6798, 89.6285,
102.0864

Harmonies

Analogous

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



42.2026, 41.2658, 56.1140



43.7113, 41.2658, 49.9172



43.9916, 41.2658, 42.9313

Triad

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



43.7113, 41.2658, 49.9172



38.5171, 41.2658, 33.0299



35.7129, 41.2658, 53.7858

Complementary

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



43.7113, 41.2658, 49.9172



42.1193, 49.1288, 47.8227

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.



34.8101, 41.2658, 46.9928



43.7113, 41.2658, 49.9172



36.3849, 41.2658, 35.3429

Square

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



43.7113, 41.2658, 49.9172



40.9262, 41.2658, 33.6407



35.0509, 41.2658, 40.2892



37.5656, 41.2658, 58.5020

Rectangle

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



43.7113, 41.2658, 49.9172



43.4335, 41.2658, 38.8281



35.0509, 41.2658, 40.2892



35.2918, 41.2658, 51.6430

Sweetspot

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



43.7125, 41.2676, 49.9181



86.2960, 87.7110, 98.8959



40.4998, 39.4748, 55.9376



18.3838, 18.5924, 21.0666



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.7125, 41.2676, 49.9181



75.8847, 69.8027, 86.4415



42.3247, 40.7125, 42.6103



10.3301, 10.1806, 11.8286



16.9135, 8.4552, 12.7227



0.7635, 0.3784, 0.7217

Inverse Universe

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



43.7125, 41.2676, 49.9181



75.8847, 69.8027, 86.4415



43.5810, 49.7134, 55.5196



10.3301, 10.1806, 11.8286



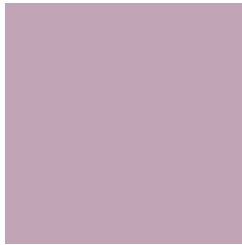
16.9135, 8.4552, 12.7227



0.7635, 0.3784, 0.7217

Previews

White Background



This preview shows how the XYZ color 43.7113, 41.2658, 49.9172 looks on a white background.

Color Contrast Check

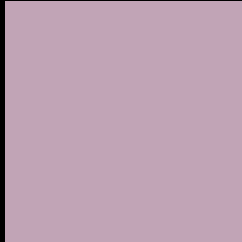
Large Text (above 18pt) WCAG AA × Fail

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 43.7113, 41.2658, 49.9172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

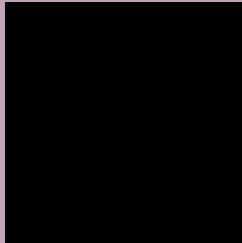
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7113, 41.2658, 49.9172

Background



This preview shows how black text looks on a background with the XYZ color 43.7113, 41.2658, 49.9172.



This preview shows how white text looks on a background with the XYZ color 43.7113, 41.2658,

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

43.7113, 41.2658, 49.9172

Protanopia

40.2204, 41.3289, 52.3118

Deuteranopia

42.1668, 41.2879, 49.4630



Tritanopia

43.2292, 41.3311, 47.8188

Trichromacy



Original Color

43.7113, 41.2658, 49.9172

Protanomaly

41.3500, 41.0918, 51.6511

Deuteranomaly

42.7157, 41.3000, 49.4364

Tritanomaly

43.3300, 41.3714, 48.3496

Monochromacy



Original Color

43.7113, 41.2658, 49.9172

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.8902, 42.2853, 48.0735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7113, 41.2658, 49.9172 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(193, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 182)  
}
```

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(193, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.7113, 41.2658, 49.9172 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(193, 164, 182) }
```


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

```
.border{ border-color:rgb(193, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7113, 41.2658, 49.9172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 182) }
```

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

```
.background{ background-color: rgb(193,  
164, 182) }
```

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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