

Converting Colors

XYZ(47.7443, 43.5653, 60.4136)

Have a look what the booklet for
XYZ(47.7443, 43.5653, 60.4136)
contains.

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Color

**XYZ(47.8810, 43.7219,
60.5592)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A6C8
RGB	200, 166, 200
RGB Percent	78%, 65%, 78%
CMY	0.2157, 0.3490, 0.2157
CMYK	0.00, 0.17, 0.00, 0.22
HSL	300°, 24%, 72%
HSV	300°, 17%, 78%
XYZ	47.8810, 43.7219, 60.5592
YIQ	180.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

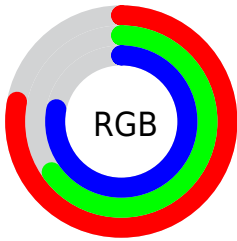
Format	Color
R _Y B	200, 166, 200
Decimal	13149896
CIE Lab	72.04, 18.35, -12.68
CIE LCh	72, 22.305, 325.357
Yxy	43.7219, 0.3147, 0.2873
Android (android.graphics.Color)	4291339976 (0xFFC8A6C8)
YUV	180.0420, 9.8393, 17.5032
Hunter-Lab	66.1225, 13.5419, -8.0158

Details

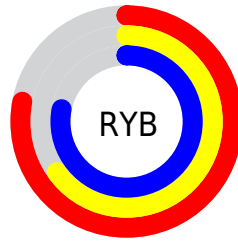
The XYZ color **47.8810, 43.7219, 60.5592** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2648, 52.1701, 43.8683**, and the grayscale version is **43.3514, 45.6090, 49.6682**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **23.0597, 20.2209, 29.8818** is the 20% darker color. If you saturate the color by 10%, you get **44.5248, 37.0088, 59.4408**, and if you desaturate by 10%, it is **51.8052, 51.5695, 61.8679**.

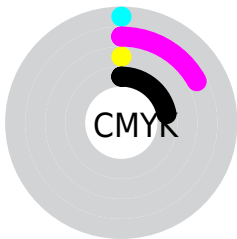
Distribution



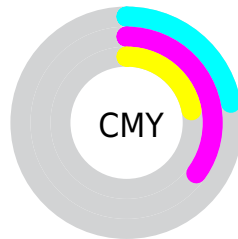
- Red (78%)
- Green (65%)
- Blue (78%)



- Red (78%)
- Yellow (65%)
- Blue (78%)



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





- Cyan (22%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8810, 43.7219, 60.5592 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 47.8810, 43.7219, 60.5592 by changing the saturation by 10% instead.


 47.8810, 43.7219,
60.5592


 47.8810, 43.7219,
60.5592


368.9107,
361.5722, 444.5176

 33.9435, 30.4519,
43.4413

 86.2380, 80.7991,
107.1917

 23.0129, 20.1819,
29.8975


 111.3882,
105.3751, 137.5434

 14.7238, 12.5273,
19.5094


141.0066,
134.4887, 173.1435

 8.7108, 7.1039,
11.8584

175.4588,
168.5240, 214.4104

 4.6086, 3.5271,
6.5260

215.1099,
207.8657, 261.7627

 2.0519, 1.4127,
3.0936

260.3253,

 0.6629, 0.2261,

252.8980, 315.6190

1.1426

311.4705,
304.0054, 376.3978

■ 0.0000, 0.0000,
0.0000

■ 47.8810, 43.7219,
60.5592

■ 47.8810, 43.7219,
60.5592

■ 44.5248, 37.0088,
59.4408

■ 51.8052, 51.5695,
61.8679

■ 41.7066, 31.3725,
58.5013

■ 56.3178, 60.5947,
63.3723

■ 39.3996, 26.7586,
57.7322

■ 61.4431, 70.8452,
65.0808

■ 37.5733, 23.1059,
57.1232

■ 67.2027, 82.3644,
67.0008

■ 36.1936, 20.3466,
56.6632

■ 70.0054, 87.9698,
67.9352

35.2223, 18.4040,
56.3393

70.0055, 87.9698,
67.9354

34.6146, 17.1886,
56.1366

70.0055, 87.9698,
67.9355

34.3102, 16.5800,
56.0350

70.0055, 87.9698,
67.9357

34.2451, 16.4497,
56.0132

70.0055, 87.9699,
67.9358

Harmonies

Analogous

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



44.7741, 43.7219, 69.1988



47.8810, 43.7219, 60.5592



49.2960, 43.7219, 49.3246

Triad

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



47.8810, 43.7219, 60.5592



42.1523, 43.7219, 29.6030



35.2803, 43.7219, 57.1704

Complementary

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



47.8810, 43.7219, 60.5592



43.2648, 52.1701, 43.8683

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.



34.6724, 43.7219, 45.9273



47.8810, 43.7219, 60.5592



38.4966, 43.7219, 31.0487

Square

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



47.8810, 43.7219, 60.5592



45.8624, 43.7219, 32.3438



35.8147, 43.7219, 36.6451



37.5286, 43.7219, 67.0420

Rectangle

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



47.8810, 43.7219, 60.5592



49.0303, 43.7219, 42.2614



35.8147, 43.7219, 36.6451



34.8834, 43.7219, 53.3825

Sweetspot

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



47.8823, 43.7238, 60.5601



91.1166, 92.1332, 107.5887



39.7893, 39.5517, 60.1817



19.3889, 19.4928, 22.9905



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.



47.8823, 43.7238, 60.5601



80.8828, 71.6657, 104.1771



46.0044, 42.9726, 50.6712



11.0831, 10.8166, 13.4211



21.7739, 10.4591, 35.6146



1.0310, 0.4952, 1.6864

Inverse Universe

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



47.8823, 43.7238, 60.5601



80.8828, 71.6657, 104.1771



44.9290, 52.8358, 52.6317



11.0831, 10.8166, 13.4211



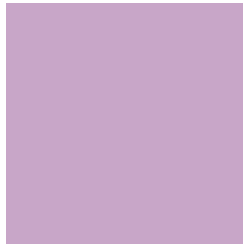
21.7739, 10.4591, 35.6146



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 47.8810, 43.7219, 60.5592 looks on a white background.

Color Contrast Check

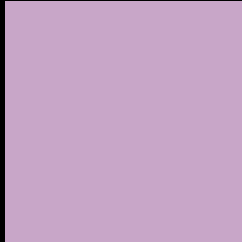
Large Text (above 18pt) WCAG AA × Fail

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 47.8810, 43.7219, 60.5592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

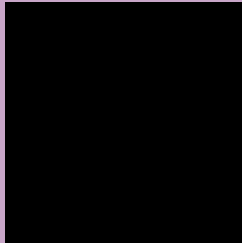
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8810, 43.7219, 60.5592

Background



This preview shows how black text looks on a background with the XYZ color 47.8810, 43.7219, 60.5592.



This preview shows how white text looks on a background with the XYZ color 47.8810, 43.7219,

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

47.8810, 43.7219, 60.5592

Protanopia

43.2651, 43.7741, 64.5614

Deuteranopia

44.8285, 43.8189, 60.1280



Tritanopia

45.6574, 43.6236, 50.2698

Trichromacy



Original Color

47.8810, 43.7219, 60.5592

Protanomaly

44.9430, 43.8098, 63.2141

Deuteranomaly

45.9187, 43.8201, 60.0708

Tritanomaly

46.4766, 43.6852, 54.1266

Monochromacy



Original Color

47.8810, 43.7219, 60.5592

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7931, 44.8126, 53.3026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8810, 43.7219, 60.5592 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(200, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 200)  
}
```

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(200, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 200) }
```

Border

The CSS property to change the border of an element to XYZ 47.8810, 43.7219, 60.5592 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(200, 166, 200) }
```


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

```
.border{ border-color:rgb(200, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8810, 43.7219, 60.5592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 200) }
```

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

```
.background{ background-color: rgb(200,  
166, 200) }
```

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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