

Converting Colors

XYZ(47.3267, 44.3552, 57.3969)

Have a look what the booklet for
XYZ(47.3267, 44.3552, 57.3969)
contains.

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Color

**XYZ(47.2143, 44.2767,
57.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A9C2
RGB	198, 169, 194
RGB Percent	78%, 66%, 76%
CMY	0.2235, 0.3372, 0.2392
CMYK	0.00, 0.15, 0.02, 0.22
HSL	308°, 20%, 72%
HSV	308°, 15%, 78%
XYZ	47.2143, 44.2767, 57.0967
YIQ	180.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

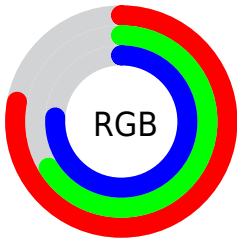
Format	Color
R _Y B	198, 169, 194
Decimal	13019586
CIE Lab	72.41, 14.90, -8.84
CIE LCh	72, 17.324, 329.304
Yxy	44.2767, 0.3178, 0.2980
Android (android.graphics.Color)	4291209666 (0xFFC6A9C2)
YUV	180.5210, 6.6451, 15.3291
Hunter-Lab	66.5407, 10.2092, -4.2965

Details

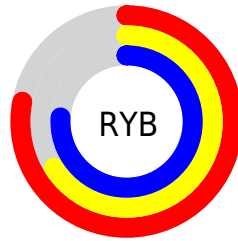
The XYZ color **47.2143, 44.2767, 57.0967** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.1008, 51.8417, 47.2197**, and the grayscale version is **43.6254, 45.8974, 49.9822**.

A 20% lighter version of the original color is **85.1510, 81.4734, 101.6805**, and **22.5965, 20.5453, 27.5856** is the 20% darker color. If you saturate the color by 10%, you get **43.5025, 37.3390, 54.3601**, and if you desaturate by 10%, it is **51.4921, 52.3361, 60.0508**.

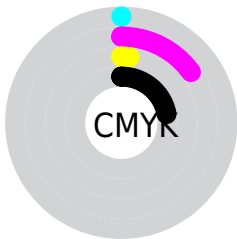
Distribution



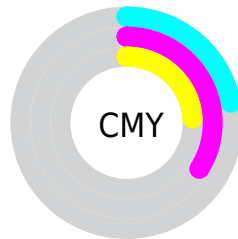
- Red (78%)
- Green (66%)
- Blue (76%)



- Red (78%)
- Yellow (66%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2143, 44.2767, 57.0967 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 47.2143, 44.2767, 57.0967 by changing the saturation by 10% instead.


 47.2143, 44.2767,
57.0967


 47.2143, 44.2767,
57.0967


366.3039,
363.8362, 431.3154

 33.4138, 30.8881,
40.6730


 85.2502, 81.6339,
102.1080

 22.6043, 20.5137,
27.7459

 110.2163,
106.3714, 131.5327

 14.4207, 12.7690,
17.8968


139.6349,
135.6606, 166.1281

 8.4975, 7.2697,
10.7073

173.8715,
169.8859, 206.3129

 4.4694, 3.6313,
5.7587

213.2913,
209.4317, 252.5054

 1.9710, 1.4695,
2.6325

258.2597,

 0.6176, 0.2671,

254.6824, 305.1243

0.9092

309.1422,
306.0225, 364.5882

■ 0.0000, 0.0000,
0.0000

■ 47.2143, 44.2767,
57.0967

■ 47.2143, 44.2767,
57.0967

■ 43.5025, 37.3390,
54.3601

■ 51.4921, 52.3361,
60.0508

■ 40.3279, 31.4672,
51.8297

■ 56.3555, 61.5583,
63.2276

■ 37.6647, 26.6095,
49.4974

■ 61.8279, 71.9893,
66.6355

■ 35.4837, 22.7072,
47.3532

■ 67.9303, 83.6712,
70.2816

■ 33.7527, 19.6960,
45.3861

■ 70.3924, 88.0633,
72.7428

■ 32.4353, 17.5034,
43.5841

■ 70.7307, 88.1986,
74.5245

■ 31.4897, 16.0455,
41.9329

■ 71.0749, 88.3363,
76.3369

■ 30.8649, 15.2206,
40.4154

■ 71.4249, 88.4763,
78.1800

■ 30.6098, 14.9343,
39.6402

■ 71.7808, 88.6186,
80.0541

Harmonies

Analogous

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



44.9557, 44.2767, 64.0108



47.2143, 44.2767, 57.0967



48.0874, 44.2767, 48.4096

Triad

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



47.2143, 44.2767, 57.0967



42.1534, 44.2767, 33.5710



37.2746, 44.2767, 56.7107

Complementary

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



47.2143, 44.2767, 57.0967



44.1008, 51.8417, 47.2197

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.



36.6017, 44.2767, 48.0105



47.2143, 44.2767, 57.0967



39.3366, 44.2767, 35.2498

Square

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



47.2143, 44.2767, 57.0967



45.0820, 44.2767, 35.4120



37.3389, 44.2767, 40.2965



39.2213, 44.2767, 63.7701

Rectangle

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



47.2143, 44.2767, 57.0967



47.7360, 44.2767, 42.9775



37.3389, 44.2767, 40.2965



36.8961, 44.2767, 53.8504

Sweetspot

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



47.2156, 44.2786, 57.0977



91.6562, 93.5736, 106.6551



41.5870, 41.3244, 59.2115



19.4857, 19.7781, 22.7398



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.



47.2156, 44.2786, 57.0977



81.1121, 73.7288, 99.3070



45.6791, 43.6640, 49.0067



11.0177, 10.7905, 13.0767



19.9295, 9.7214, 25.9026



0.9615, 0.4674, 1.3204

Inverse Universe

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



47.2156, 44.2786, 57.0977



81.1121, 73.7288, 99.3070



45.5668, 52.4280, 54.9392



11.0177, 10.7905, 13.0767



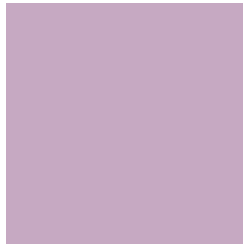
19.9295, 9.7214, 25.9026



0.9615, 0.4674, 1.3204

Previews

White Background



This preview shows how the XYZ color 47.2143, 44.2767, 57.0967 looks on a white background.

Color Contrast Check

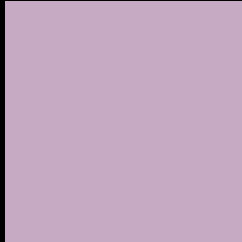
Large Text (above 18pt) WCAG AA × Fail

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 47.2143, 44.2767, 57.0967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

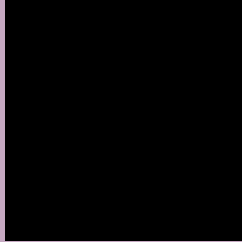
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2143, 44.2767, 57.0967

Background



This preview shows how black text looks on a background with the XYZ color 47.2143, 44.2767, 57.0967.



This preview shows how white text looks on a background with the XYZ color 47.2143, 44.2767,

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

47.2143, 44.2767, 57.0967

Protanopia

43.5133, 44.2881, 60.2879

Deuteranopia

45.3082, 44.4288, 56.6397



Tritanopia

46.2406, 44.4568, 51.4913

Trichromacy



Original Color

47.2143, 44.2767, 57.0967

Protanomaly

44.5501, 43.9856, 58.9654

Deuteranomaly

46.1164, 44.5618, 56.6228

Tritanomaly

46.4778, 44.2506, 53.6685

Monochromacy



Original Color

47.2143, 44.2767, 57.0967

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0786, 45.5542, 52.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2143, 44.2767, 57.0967 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(198, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 194)  
}
```

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(198, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.2143, 44.2767, 57.0967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

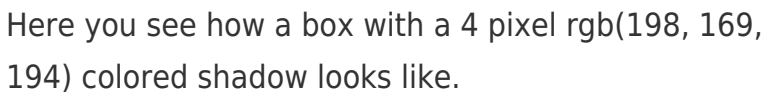
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 169, 194) }
```


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

```
.border{ border-color:rgb(198, 169, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 169, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 169, 194); box-shadow:4px 4px 4px 4px rgb(198, 169, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2143, 44.2767, 57.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 194) }
```

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

```
.background{ background-color: rgb(198,  
169, 194) }
```

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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