

Converting Colors

XYZ(47.2504, 42.8003, 54.0388)

Have a look what the booklet for
XYZ(47.2504, 42.8003, 54.0388)
contains.

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Color

**XYZ(47.1843, 42.7059,
53.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA3BD
RGB	204, 163, 189
RGB Percent	80%, 64%, 74%
CMY	0.2000, 0.3608, 0.2588
CMYK	0.00, 0.20, 0.07, 0.20
HSL	322°, 29%, 72%
HSV	322°, 20%, 80%
XYZ	47.1843, 42.7059, 53.9003
YIQ	178.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

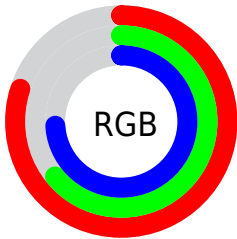
Format	Color
R_{YB}	204, 163, 189
Decimal	13411261
CIE _{Lab}	71.35, 19.37, -7.60
CIE _{LCh}	71, 20.812, 338.580
Yxy	42.7059, 0.3281, 0.2970
Android (android.graphics.Color)	4291601341 (0xFFCCA3BD)
YUV	178.2230, 5.3131, 22.6064
Hunter-Lab	65.3498, 14.5198, -3.1574

Details

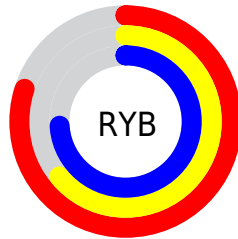
The XYZ color **47.1843, 42.7059, 53.9003** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7347, 54.1877, 50.2234**, and the grayscale version is **42.4028, 44.6110, 48.5814**.

A 20% lighter version of the original color is **82.7928, 77.9954, 97.0772**, and **22.5228, 19.5360, 25.8763** is the 20% darker color. If you saturate the color by 10%, you get **43.0610, 35.7223, 48.6310**, and if you desaturate by 10%, it is **51.9360, 50.8785, 59.5858**.

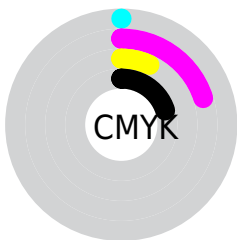
Distribution



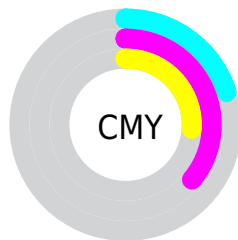
- Red (80%)
- Green (64%)
- Blue (74%)



- Red (80%)
- Yellow (64%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (20%)




- Cyan (20%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1843, 42.7059, 53.9003 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 47.1843, 42.7059, 53.9003 by changing the saturation by 10% instead.


 47.1843, 42.7059,
53.9003


 47.1843, 42.7059,
53.9003


366.1863,
357.4009, 418.8936

 33.3899, 29.6544,
38.1293


 85.2057, 79.2669,
97.3828

 22.5860, 19.5764,
25.7805


 110.1635,
103.5451, 125.9313

 14.4071, 12.0875,
16.4352


139.5731,
132.3345, 159.5762

 8.4880, 6.8033,
9.6749

173.7999,
166.0193, 198.7359

 4.4631, 3.3394,
5.0812

213.2093,
204.9839, 243.8289

 1.9673, 1.3114,
2.2354

258.1666,

 0.6155, 0.1500,

249.6128, 295.2738

0.6947

309.0372,
300.2903, 353.4892

■ 0.0000, 0.0000,
0.0000

■ 47.1843, 42.7059,
53.9003

■ 47.1843, 42.7059,
53.9003

■ 43.0610, 35.7223,
48.6310

■ 51.9360, 50.8785,
59.5858

■ 39.5339, 29.8657,
43.7627

■ 57.3392, 60.2869,
65.6966

■ 36.5732, 25.0775,
39.2828

■ 63.4201, 70.9820,
72.2451

■ 34.1452, 21.2909,
35.1767

■ 70.2026, 83.0107,
79.2420

■ 32.2124, 18.4320,
31.4288

■ 74.4337, 89.8661,
85.6057

■ 30.7320, 16.4164,
28.0214

■ 75.4825, 90.2857,
91.1289

■ 29.6535, 15.1441,
24.9342

■ 76.5765, 90.7233,
96.8899

■ 28.8885, 14.4321,
22.1577

■ 77.7163, 91.1792,
102.8917

■ 78.7120, 91.5775,
108.1354

Harmonies

Analogous

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



44.9342, 42.7059, 63.2545



47.1843, 42.7059, 53.9003



47.6163, 42.7059, 43.6826

Triad

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



47.1843, 42.7059, 53.9003



39.5948, 42.7059, 29.9249



35.5532, 42.7059, 59.5856

Complementary

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



47.1843, 42.7059, 53.9003



44.7347, 54.1877, 50.2234

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.



34.2925, 42.7059, 49.4349



47.1843, 42.7059, 53.9003



36.5364, 42.7059, 32.9999

Square

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



47.1843, 42.7059, 53.9003



43.0987, 42.7059, 30.7643



34.6418, 42.7059, 39.8091



38.1819, 42.7059, 66.8512

Rectangle

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



47.1843, 42.7059, 53.9003



46.7927, 42.7059, 37.8743



34.6418, 42.7059, 39.8091



34.9624, 42.7059, 56.3438

Sweetspot

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



47.1855, 42.7078, 53.9012



89.4735, 90.2684, 102.6594



42.2093, 39.9445, 62.6126



19.0264, 19.1044, 21.8313



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.



47.1855, 42.7078, 53.9012



75.1393, 65.6154, 85.5022



45.1761, 41.9040, 43.3194



11.5066, 11.3314, 13.2024



18.2287, 9.1021, 14.1890



0.9761, 0.4839, 0.9201

Inverse Universe

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



47.1855, 42.7078, 53.9012



75.1393, 65.6154, 85.5022



46.8742, 55.0435, 61.4902



11.5066, 11.3314, 13.2024



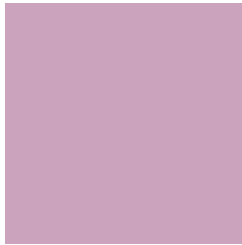
18.2287, 9.1021, 14.1890



0.9761, 0.4839, 0.9201

Previews

White Background



This preview shows how the XYZ color 47.1843, 42.7059, 53.9003 looks on a white background.

Color Contrast Check

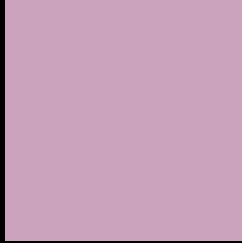
Large Text (above 18pt) WCAG AA × Fail

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 47.1843, 42.7059, 53.9003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

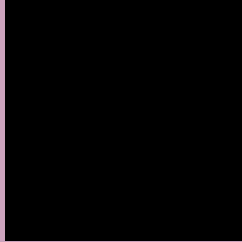
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1843, 42.7059, 53.9003

Background



This preview shows how black text looks on a background with the XYZ color 47.1843, 42.7059, 53.9003.



This preview shows how white text looks on a background with the XYZ color 47.1843, 42.7059,

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

47.1843, 42.7059, 53.9003

Protanopia

42.1131, 43.0283, 58.3102

Deuteranopia

43.7015, 42.8194, 53.5386



Tritanopia

46.1196, 42.8211, 47.9540

Trichromacy



Original Color

47.1843, 42.7059, 53.9003

Protanomaly

43.7675, 42.7901, 56.4046

Deuteranomaly

44.8881, 42.6057, 53.4348

Tritanomaly

46.3476, 42.6248, 50.0406

Monochromacy



Original Color

47.1843, 42.7059, 53.9003

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.8806, 43.8293, 50.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1843, 42.7059, 53.9003 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(204, 163, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 189)  
}
```

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(204, 163, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.1843, 42.7059, 53.9003 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(204, 163, 189) }
```


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

```
.border{ border-color:rgb(204, 163, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1843, 42.7059, 53.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 189) }
```

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

```
.background{ background-color: rgb(204,  
163, 189) }
```

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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