

Converting Colors

XYZ(47.9776, 42.5334, 47.2391)

Have a look what the booklet for
XYZ(47.9776, 42.5334, 47.2391)
contains.

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Color

**XYZ(47.9472, 42.4621,
47.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A0B1
RGB	213, 160, 177
RGB Percent	84%, 63%, 69%
CMY	0.1647, 0.3725, 0.3059
CMYK	0.00, 0.25, 0.17, 0.16
HSL	341°, 39%, 73%
HSV	341°, 25%, 84%
XYZ	47.9472, 42.4621, 47.2639
YIQ	177.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

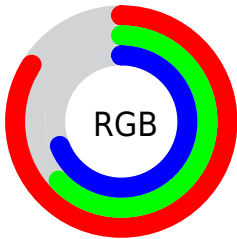
Format	Color
R _Y B	213, 160, 177
Decimal	14000305
CIE Lab	71.19, 22.21, -1.11
CIE LCh	71, 22.242, 357.145
Yxy	42.4621, 0.3483, 0.3084
Android (android.graphics.Color)	4292190385 (0xFFD5A0B1)
YUV	177.7850, -0.3870, 30.8836
Hunter-Lab	65.1629, 17.3060, 2.6099

Details

The XYZ color **47.9472, 42.4621, 47.2639** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2570, 59.0487, 61.0815**, and the grayscale version is **42.1966, 44.3942, 48.3452**.

A 20% lighter version of the original color is **80.2484, 75.7441, 87.4813**, and **23.1648, 19.4749, 21.9401** is the 20% darker color. If you saturate the color by 10%, you get **43.1997, 35.1538, 38.9394**, and if you desaturate by 10%, it is **53.4826, 51.1006, 56.6065**.

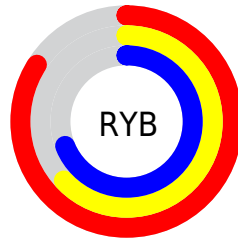
Distribution



Red (84%)

Green (63%)

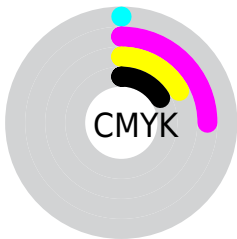
Blue (69%)



Red (84%)

Yellow (63%)

Blue (69%)

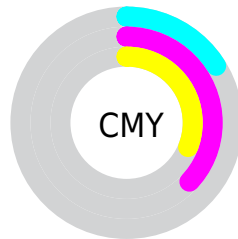


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (16%)



Cyan (16%)

Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9472, 42.4621, 47.2639 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 47.9472, 42.4621, 47.2639 by changing the saturation by 10% instead.


 47.9472, 42.4621,
47.2639


 47.9472, 42.4621,
47.2639


369.1689,
356.3950, 392.2911

 33.9962, 29.4633,
32.8885


 86.3360, 78.8985,
87.4615

 23.0535, 19.4316,
21.7706


 111.5044,
103.1049, 114.1208

 14.7539, 11.9825,
13.4917


141.1426,
131.8160, 145.7118

 8.7321, 6.7318,
7.6333

175.6161,
165.4161, 182.6530

 4.6225, 3.2949,
3.7768

215.2901,
204.2897, 225.3630

 2.0600, 1.2876,
1.5037

260.5300,

 0.6673, 0.1316,

248.8211, 274.2603

0.2207

311.7011,
299.3947, 329.7635

■ 0.0000, 0.0000,
0.0000

■ 47.9472, 42.4621,
47.2639

■ 47.9472, 42.4621,
47.2639

■ 43.1997, 35.1538,
38.9394

■ 53.4826, 51.1006,
56.6065

■ 39.1996, 29.1035,
31.5946

■ 59.8368, 61.1252,
66.9984

■ 35.9080, 24.2411,
25.1925

■ 67.0434, 72.5957,
78.4728

■ 33.2809, 20.4869,
19.6924

■ 75.1330, 85.5665,
91.0604

■ 31.2691, 17.7516,
15.0504

■ 80.3537, 92.5274,
103.5305

■ 29.8162, 15.9317,
11.2182

■ 81.2508, 92.8862,
108.2542

■ 28.8541, 14.9013,
8.1416

■ 28.4936, 14.5674,
6.8286

Harmonies

Analogous

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



46.6827, 42.4621, 58.2854



47.9472, 42.4621, 47.2639



47.0772, 42.4621, 37.4888

Triad

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



47.9472, 42.4621, 47.2639



37.1771, 42.4621, 30.2710



36.5949, 42.4621, 65.7050

Complementary

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



47.9472, 42.4621, 47.2639



48.2570, 59.0487, 61.0815

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.



34.3124, 42.4621, 56.2433



47.9472, 42.4621, 47.2639



34.6337, 42.4621, 35.9701

Square

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



47.9472, 42.4621, 47.2639



40.7170, 42.4621, 28.6170



33.6168, 42.4621, 45.2192



40.0030, 42.4621, 69.9089

Rectangle

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



47.9472, 42.4621, 47.2639



45.4316, 42.4621, 32.7625



33.6168, 42.4621, 45.2192



35.6787, 42.4621, 62.9690

Sweetspot

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



47.9484, 42.4640, 47.2648



87.7264, 88.3788, 97.1299



47.1745, 41.5944, 68.4934



18.6483, 18.7131, 20.5807



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.



47.9484, 42.4640, 47.2648



68.0436, 57.6135, 64.0553



47.9442, 45.0001, 39.4191



12.5858, 12.4858, 13.7588



17.4465, 8.9149, 4.3896



1.0896, 0.5526, 0.4612

Inverse Universe

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



47.9484, 42.4640, 47.2648



68.0436, 57.6135, 64.0553



48.1414, 55.5439, 71.1349



12.5858, 12.4858, 13.7588



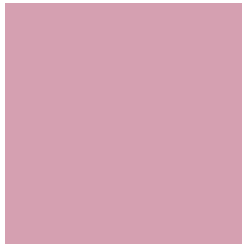
17.4465, 8.9149, 4.3896



1.0896, 0.5526, 0.4612

Previews

White Background



This preview shows how the XYZ color 47.9472, 42.4621, 47.2639 looks on a white background.

Color Contrast Check

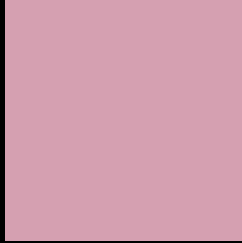
Large Text (above 18pt) WCAG AA × Fail

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 47.9472, 42.4621, 47.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

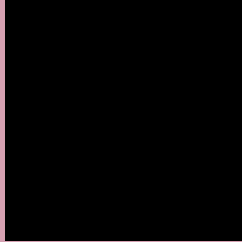
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9472, 42.4621, 47.2639

Background



This preview shows how black text looks on a background with the XYZ color 47.9472, 42.4621, 47.2639.



This preview shows how white text looks on a background with the XYZ color 47.9472, 42.4621,

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

47.9472, 42.4621, 47.2639

Protanopia

41.5722, 42.8888, 51.9862

Deuteranopia

43.4117, 42.5474, 46.4819



Tritanopia

47.7283, 42.6530, 45.2525

Trichromacy



Original Color

47.9472, 42.4621, 47.2639

Protanomaly

43.6177, 42.5721, 50.1743

Deuteranomaly

45.0259, 42.5491, 46.9140

Tritanomaly

47.8254, 42.6919, 45.7641

Monochromacy



Original Color

47.9472, 42.4621, 47.2639

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.0846, 43.4165, 48.1762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9472, 42.4621, 47.2639 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(213, 160, 177)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 177)  
}
```

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(213, 160, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 177) }
```

Border

The CSS property to change the border of an element to XYZ 47.9472, 42.4621, 47.2639 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(213, 160, 177) }
```


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

```
.border{ border-color:rgb(213, 160, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 177);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9472, 42.4621, 47.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 177) }
```

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

```
.background{ background-color: rgb(213,  
160, 177) }
```

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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