

Converting Colors

XYZ(49.5760, 42.0292, 47.6190)

Have a look what the booklet for
XYZ(49.5760, 42.0292, 47.6190)
contains.

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Color

**XYZ(49.5760, 42.0292,
47.6190)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DD9BB2 |
| RGB | 221, 155, 178 |
| RGB Percent | 87%, 61%, 70% |
| CMY | 0.1333, 0.3921, 0.3020 |
| CMYK | 0.00, 0.30, 0.19, 0.13 |
| HSL | 339°, 49%, 74% |
| HSV | 339°, 30%, 87% |
| XYZ | 49.5760, 42.0292, 47.6190 |
| YIQ | 177.3560, 31.9530, 21.1450 |

Conversions

Conversions Part 2

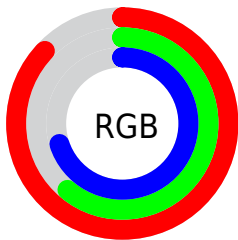
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 221, 155, 178 |
| Decimal | 14523314 |
| CIE Lab | 70.89, 27.95, -2.00 |
| CIE LCh | 71, 28.024, 355.910 |
| Yxy | 42.0292, 0.3561, 0.3019 |
| Android (android.graphics.Color) | 4292713394 (0xFFDD9BB2) |
| YUV | 177.3560, 0.3175, 38.2758 |
| Hunter-Lab | 64.8299, 23.0481, 1.8312 |

Details

The XYZ color **49.5760, 42.0292, 47.6190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5688, 62.7597, 62.9303**, and the grayscale version is **41.9647, 44.1502, 48.0795**.

A 20% lighter version of the original color is **79.1379, 73.2937, 87.8180**, and **24.0690, 19.1805, 21.8357** is the 20% darker color. If you saturate the color by 10%, you get **44.8584, 34.7874, 39.2840**, and if you desaturate by 10%, it is **55.1208, 50.6818, 56.9795**.

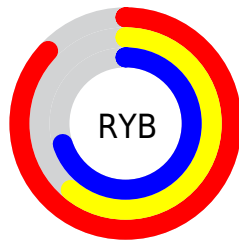
Distribution



Red (87%)

Green (61%)

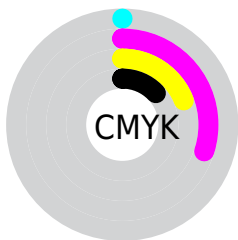
Blue (70%)



Red (87%)

Yellow (61%)

Blue (70%)

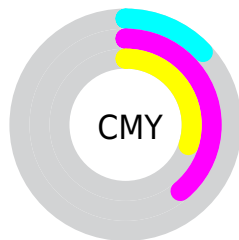


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5760, 42.0292, 47.6190 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 49.5760, 42.0292, 47.6190 by changing the saturation by 10% instead.


 49.5760, 42.0292,
47.6190


 49.5760, 42.0292,
47.6190


375.4850,
354.6040, 393.7450

 35.2930, 29.1242,
33.1674


 88.7419, 78.2438,
87.9965

 24.0563, 19.1748,
21.9826

 114.3556,
102.3222, 114.7595

 15.5003, 11.7966,
13.6459


144.4769,
130.8938, 146.4634

 9.2599, 6.6053,
7.7389

179.4711,
164.3430, 183.5267

 4.9695, 3.2165,
3.8429

219.7037,
203.0542, 226.3680

 2.2640, 1.2458,
1.5396

265.5400,

 0.7761, 0.0986,

247.4119, 275.4057

0.2472

317.3453,
297.8003, 331.0586

■ 0.0000, 0.0000,
0.0000

■ 49.5760, 42.0292,
47.6190

■ 49.5760, 42.0292,
47.6190

■ 44.8584, 34.7874,
39.2840

■ 55.1208, 50.6818,
56.9795

■ 40.9231, 28.8751,
31.9351

■ 61.5277, 60.8090,
67.3977

■ 37.7261, 24.2118,
25.5339

■ 68.8339, 72.4778,
78.9076

■ 35.2174, 20.7056,
20.0384

■ 77.0732, 85.7493,
91.5407

■ 33.3403, 18.2522,
15.4025

■ 82.8340, 93.7942,
104.1792

■ 32.0282, 16.7275,
11.5755

■ 83.6289, 94.1122,
108.3655

■ 31.1691, 15.9176,
8.4888

■ 31.1587, 15.9081,
8.4507

Harmonies

Analogous

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



47.8434, 42.0292, 61.7190



49.5760, 42.0292, 47.6190



48.5684, 42.0292, 35.4333

Triad

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



49.5760, 42.0292, 47.6190



36.1560, 42.0292, 26.3315



35.1292, 42.0292, 70.4957

Complementary

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



49.5760, 42.0292, 47.6190



49.5688, 62.7597, 62.9303

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.



32.4123, 42.0292, 57.9265



49.5760, 42.0292, 47.6190



32.9719, 42.0292, 32.8248

Square

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



49.5760, 42.0292, 47.6190



40.5905, 42.0292, 24.6290



31.6541, 42.0292, 43.9552



39.3113, 42.0292, 76.4554

Rectangle

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



49.5760, 42.0292, 47.6190



46.5172, 42.0292, 29.6844



31.6541, 42.0292, 43.9552



34.0274, 42.0292, 66.7974

Sweetspot

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



49.5772, 42.0311, 47.6199



85.8458, 85.2954, 94.4136



48.0364, 40.6575, 73.7228



18.0769, 17.7837, 19.7324



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.



49.5772, 42.0311, 47.6199



64.2442, 51.4741, 58.2902



49.1738, 44.6149, 37.0326



13.2424, 13.1261, 14.5379



18.1489, 9.2606, 5.1644



1.2157, 0.6159, 0.5448

Inverse Universe

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



49.5772, 42.0311, 47.6199



64.2442, 51.4741, 58.2902



49.8893, 58.8284, 77.1325



13.2424, 13.1261, 14.5379



18.1489, 9.2606, 5.1644



1.2157, 0.6159, 0.5448

Previews

White Background



This preview shows how the XYZ color 49.5760, 42.0292, 47.6190 looks on a white background.

Color Contrast Check

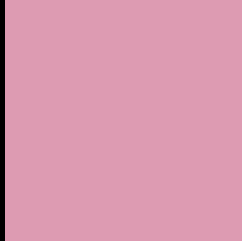
Large Text (above 18pt) WCAG AA × Fail

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 49.5760, 42.0292, 47.6190 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 49.5760, 42.0292, 47.6190

Background



This preview shows how black text looks on a background with the XYZ color 49.5760, 42.0292, 47.6190.



This preview shows how white text looks on a background with the XYZ color 49.5760, 42.0292,

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

49.5760, 42.0292, 47.6190

Protanopia

41.3625, 42.4455, 54.1569

Deuteranopia

43.0743, 42.0870, 46.9276



Tritanopia

48.7336, 42.1942, 43.1119

Trichromacy



Original Color

49.5760, 42.0292, 47.6190

Protanomaly

43.6284, 41.7224, 51.6527

Deuteranomaly

45.1204, 41.7862, 47.2824

Tritanomaly

48.8501, 41.9711, 44.5563

Monochromacy



Original Color

49.5760, 42.0292, 47.6190

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.1161, 42.8877, 47.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5760, 42.0292, 47.6190 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(221, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(221, 155, 178)  
}
```

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(221, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 155, 178) }
```

Border

The CSS property to change the border of an element to XYZ 49.5760, 42.0292, 47.6190 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(221, 155, 178) }
```


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

```
.border{ border-color:rgb(221, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(221, 155,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5760, 42.0292, 47.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 155, 178) }
```

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

```
.background{ background-color: rgb(221,  
155, 178) }
```

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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