

Converting Colors

XYZ(47.9458, 37.6632, 48.9987)

Have a look what the booklet for
XYZ(47.9458, 37.6632, 48.9987)
contains.

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Color

**XYZ(47.9458, 37.6632,
48.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8CB6
RGB	222, 140, 182
RGB Percent	87%, 55%, 71%
CMY	0.1294, 0.4510, 0.2863
CMYK	0.00, 0.37, 0.18, 0.13
HSL	329°, 55%, 71%
HSV	329°, 37%, 87%
XYZ	47.9458, 37.6632, 48.9987
YIQ	169.3060, 35.3900, 30.4460

Conversions

Conversions Part 2

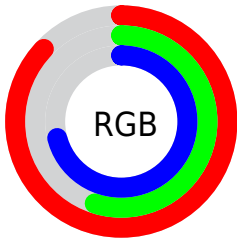
Format	Color
RYB	222, 140, 182
Decimal	14585014
CIELab	67.77, 36.94, -8.83
CIELCh	68, 37.978, 346.556
Yxy	37.6632, 0.3562, 0.2798
Android (android.graphics.Color)	4292775094 (0xFFDE8CB6)
YUV	169.3060, 6.2581, 46.2126
Hunter-Lab	61.3704, 32.0556, -4.3785

Details

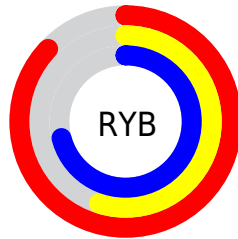
The XYZ color **47.9458, 37.6632, 48.9987** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.1764, 61.1143, 52.5981**, and the grayscale version is **37.8223, 39.7920, 43.3335**.

A 20% lighter version of the original color is **76.1877, 66.4633, 89.7021**, and **22.9692, 16.5638, 22.7554** is the 20% darker color. If you saturate the color by 10%, you get **43.9470, 31.3876, 42.3558**, and if you desaturate by 10%, it is **52.6878, 45.2856, 56.3172**.

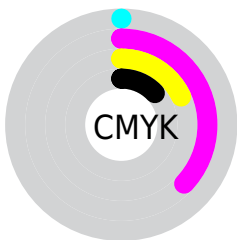
Distribution



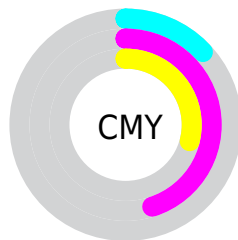
- Red (87%)
- Green (55%)
- Blue (71%)



- Red (87%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9458, 37.6632, 48.9987 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 47.9458, 37.6632, 48.9987 by changing the saturation by 10% instead.


 47.9458, 37.6632,
48.9987


 47.9458, 37.6632,
48.9987

369.1634,
336.1730, 399.3595


 33.9950, 25.7214,
34.2529


 86.3339, 71.5916,
90.0705

 23.0527, 16.6153,
22.8090


 111.5019, 94.3470,
117.2335

 14.7533, 9.9606,
14.2486

 141.1398,
121.4757, 149.3727

 8.7316, 5.3729,
8.1530

175.6127,
153.3622, 186.9065

 4.6222, 2.4676,
4.1038

215.2863,
190.3907, 230.2536

 2.0598, 0.8604,
1.6825

260.5256,

 0.6672, 0.0000,

232.9458, 279.8324

0.3487

311.6962,
281.4117, 336.0616

■ 0.0000, 0.0000,
0.0000

■ 47.9458, 37.6632,
48.9987

■ 47.9458, 37.6632,
48.9987

■ 43.9470, 31.3876,
42.3558

■ 52.6878, 45.2856,
56.3172

■ 40.6464, 26.3737,
36.3627

■ 58.2077, 54.3229,
64.3311

■ 37.9994, 22.5345,
30.9951

■ 64.5422, 64.8447,
73.0619

■ 35.9542, 19.7701,
26.2252

■ 71.7244, 76.9147,
82.5293

■ 34.4504, 17.9633,
22.0224

■ 79.7856, 90.5927,
92.7524

■ 33.4104, 16.9623,
18.3494

■ 82.6698, 93.7639,
101.7208

■ 33.1447, 16.7378,
17.3145

■ 83.9344, 94.2697,
108.3798

Harmonies

Analogous

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



44.6410, 37.6632, 67.5179



47.9458, 37.6632, 48.9987



47.7531, 37.6632, 32.4640

Triad

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



47.9458, 37.6632, 48.9987



32.6745, 37.6632, 17.1596



28.5788, 37.6632, 69.2654

Complementary

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



47.9458, 37.6632, 48.9987



45.1764, 61.1143, 52.5981

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.



26.0255, 37.6632, 50.9350



47.9458, 37.6632, 48.9987



28.2070, 37.6632, 22.5439

Square

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



47.9458, 37.6632, 48.9987



38.4885, 37.6632, 16.9064



25.8973, 37.6632, 33.9384



33.2354, 37.6632, 81.2039

Rectangle

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



47.9458, 37.6632, 48.9987



45.6592, 37.6632, 24.6012



25.8973, 37.6632, 33.9384



27.4695, 37.6632, 63.4516

Sweetspot

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



47.9469, 37.6650, 48.9995



84.6199, 82.5406, 94.9390



41.3017, 33.6915, 73.4340



17.8580, 17.2449, 19.9709



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.



47.9469, 37.6650, 48.9995



61.4888, 45.0275, 60.2567



44.3388, 36.2217, 29.9994



13.9988, 13.8171, 15.7638



19.7436, 9.9644, 10.5815



1.4137, 0.7088, 0.9715

Inverse Universe

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



47.9469, 37.6650, 48.9995



61.4888, 45.0275, 60.2567



49.9400, 63.0198, 77.6832



13.9988, 13.8171, 15.7638



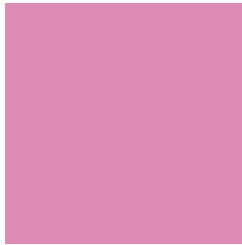
19.7436, 9.9644, 10.5815



1.4137, 0.7088, 0.9715

Previews

White Background



This preview shows how the XYZ color 47.9458, 37.6632, 48.9987 looks on a white background.

Color Contrast Check

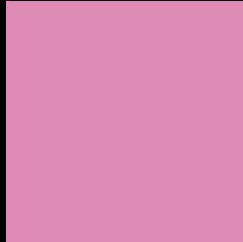
Large Text (above 18pt) WCAG AA × Fail

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 47.9458, 37.6632, 48.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

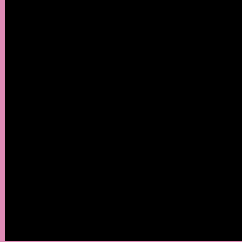
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9458, 37.6632, 48.9987

Background



This preview shows how black text looks on a background with the XYZ color 47.9458, 37.6632, 48.9987.



This preview shows how white text looks on a background with the XYZ color 47.9458, 37.6632,

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

47.9458, 37.6632, 48.9987

Protanopia

37.7666, 37.9991, 58.7701

Deuteranopia

38.6852, 37.9342, 47.4026



Tritanopia

45.3396, 37.7112, 36.3418

Trichromacy



Original Color

47.9458, 37.6632, 48.9987

Protanomaly

40.5272, 37.1935, 54.9122

Deuteranomaly

41.5202, 37.3746, 47.6735

Tritanomaly

46.1292, 37.5772, 40.4192

Monochromacy



Original Color

47.9458, 37.6632, 48.9987

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.6059, 38.2011, 45.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9458, 37.6632, 48.9987 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(222, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 140, 182)  
}
```

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(222, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 140, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.9458, 37.6632, 48.9987 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(222, 140, 182) }
```


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

```
.border{ border-color:rgb(222, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 140,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9458, 37.6632, 48.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 140, 182) }
```

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

```
.background{ background-color: rgb(222,  
140, 182) }
```

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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