

Converting Colors

XYZ(44.8527, 32.5227, 47.4868)

Have a look what the booklet for
XYZ(44.8527, 32.5227, 47.4868)
contains.

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Color

**XYZ(44.8152, 32.4709,
47.6216)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DC7AB5 |
| RGB | 220, 122, 181 |
| RGB Percent | 86%, 48%, 71% |
| CMY | 0.1373, 0.5215, 0.2902 |
| CMYK | 0.00, 0.45, 0.18, 0.14 |
| HSL | 324°, 58%, 67% |
| HSV | 324°, 45%, 86% |
| XYZ | 44.8152, 32.4709, 47.6216 |
| YIQ | 158.0280, 39.4690, 39.1250 |

Conversions

Conversions Part 2

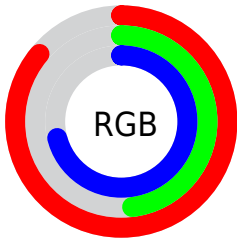
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 122, 181 |
| Decimal | 14449333 |
| CIE Lab | 63.73, 45.50, -14.35 |
| CIE LCh | 64, 47.708, 342.498 |
| Yxy | 32.4709, 0.3588, 0.2600 |
| Android (android.graphics.Color) | 4292639413 (0xFFDC7AB5) |
| YUV | 158.0280, 11.3252, 54.3494 |
| Hunter-Lab | 56.9832, 40.6629, -9.6611 |

Details

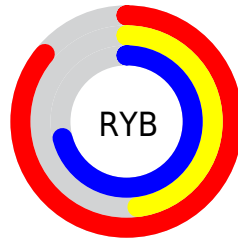
The XYZ color **44.8152, 32.4709, 47.6216** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.0537, 57.8981, 42.7851**, and the grayscale version is **32.4508, 34.1407, 37.1793**.

A 20% lighter version of the original color is **72.2482, 58.8187, 87.6660**, and **21.1287, 13.6013, 21.9338** is the 20% darker color. If you saturate the color by 10%, you get **41.5431, 27.3192, 42.2369**, and if you desaturate by 10%, it is **48.7571, 38.8711, 53.5088**.

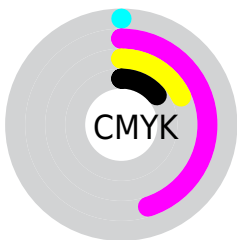
Distribution



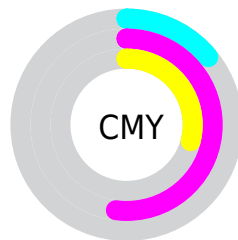
- Red (86%)
- Green (48%)
- Blue (71%)



- Red (86%)
- Yellow (48%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8152, 32.4709, 47.6216 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 44.8152, 32.4709, 47.6216 by changing the saturation by 10% instead.


 44.8152, 32.4709,
47.6216

 44.8152, 32.4709,
47.6216

356.8209,
313.2588, 393.7556


 31.5125, 21.7214,
33.1695


 81.6818, 63.5486,
88.0004

 21.1432, 13.6524,
21.9841


 105.9765, 84.6456,
114.7642

 13.3418, 7.8793,
13.6470


 134.6658,
109.9606, 146.4689

 7.7429, 4.0178,
7.7396

168.1153,
139.8779, 183.5331

 3.9813, 1.6835,
3.8434

206.6902,
174.7820, 226.3753

 1.6916, 0.4130,
1.5398

250.7558,

 0.4510, 0.0000,

215.0573, 275.4141

0.2474

300.6776,
261.0881, 331.0680

■ 0.0000, 0.0000,
0.0000

■ 44.8152, 32.4709,
47.6216

■ 44.8152, 32.4709,
47.6216

■ 41.5431, 27.3192,
42.2369

■ 48.7571, 38.8711,
53.5088

■ 38.8950, 23.3272,
37.3335

■ 53.4048, 46.5912,
59.9144

■ 36.8239, 20.4023,
32.8907


■ 58.7951, 55.7028,
66.8559


■ 35.2742, 18.4348,
28.8846


■ 64.9611, 66.2709,
74.3490


■ 34.1783, 17.2914,
25.2871

■ 71.9341, 78.3565,
82.4088

 33.7108, 16.8939,
23.4740

 79.7435, 92.0170,
91.0495

 81.3459, 93.1639,
97.9276

 82.6950, 93.7036,
105.0321

 83.3254, 93.9557,
108.3513

Harmonies

Analogous

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



40.3854, 32.4709, 70.0330



44.8152, 32.4709, 47.6216



45.1887, 32.4709, 27.9729

Triad

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



44.8152, 32.4709, 47.6216



28.1640, 32.4709, 10.2187



22.3228, 32.4709, 66.5088

Complementary

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



44.8152, 32.4709, 47.6216



40.0537, 57.8981, 42.7851

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.



19.9379, 32.4709, 43.9342



44.8152, 32.4709, 47.6216



22.9684, 32.4709, 14.5672

Square

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



44.8152, 32.4709, 47.6216



34.8918, 32.4709, 10.5867



20.1558, 32.4709, 25.4000



27.1562, 32.4709, 83.3631

Rectangle

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



44.8152, 32.4709, 47.6216



43.0219, 32.4709, 19.0368



20.1558, 32.4709, 25.4000



21.2418, 32.4709, 59.0489

Sweetspot

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



44.8162, 32.4724, 47.6222



83.3195, 79.8221, 94.8683



34.2900, 26.5172, 71.0216



17.4479, 16.4279, 19.8243



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.



44.8162, 32.4724, 47.6222



58.5062, 38.8840, 59.8118



40.7396, 30.8418, 26.1553



13.3835, 13.1825, 15.2809



19.8408, 9.9373, 14.0734



1.3274, 0.6606, 1.1333

Inverse Universe

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



44.8162, 32.4724, 47.6222



58.5062, 38.8840, 59.8118



45.0754, 59.9067, 69.2289



13.3835, 13.1825, 15.2809



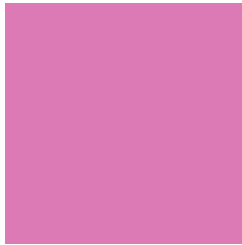
19.8408, 9.9373, 14.0734



1.3274, 0.6606, 1.1333

Previews

White Background



This preview shows how the XYZ color 44.8152, 32.4709, 47.6216 looks on a white background.

Color Contrast Check

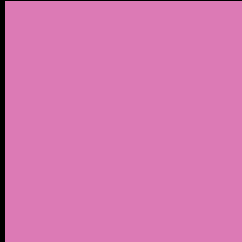
Large Text (above 18pt) WCAG AA × Fail

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 44.8152, 32.4709, 47.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

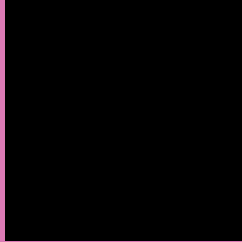
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8152, 32.4709, 47.6216

Background



This preview shows how black text looks on a background with the XYZ color 44.8152, 32.4709, 47.6216.



This preview shows how white text looks on a background with the XYZ color 44.8152, 32.4709,

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

44.8152, 32.4709, 47.6216

Protanopia

33.3261, 32.8450, 61.0832

Deuteranopia

33.4003, 32.7414, 45.6336



Tritanopia

41.0352, 32.4576, 28.9131

Trichromacy



Original Color

44.8152, 32.4709, 47.6216



Protanomaly

36.1009, 31.8322, 55.8713



Deuteranomaly

36.7054, 31.9156, 46.3452



Tritanomaly

42.1210, 32.2970, 35.0243

Monochromacy



Original Color

44.8152, 32.4709, 47.6216



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

36.0644, 32.8277, 40.5120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8152, 32.4709, 47.6216 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(220, 122, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 122, 181)  
}
```

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(220, 122, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 122, 181) }
```

Border

The CSS property to change the border of an element to XYZ 44.8152, 32.4709, 47.6216 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(220, 122, 181) }
```


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

```
.border{ border-color:rgb(220, 122, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 122, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 122, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 122, 181);  
box-shadow:4px 4px 4px 4px rgb(220, 122,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8152, 32.4709, 47.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 122, 181) }
```

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

```
.background{ background-color: rgb(220,  
122, 181) }
```

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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