

Converting Colors

XYZ(44.5496, 32.9989, 40.8019)

Have a look what the booklet for
XYZ(44.5496, 32.9989, 40.8019)
contains.

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Color

**XYZ(44.4329, 32.9868,
40.5844)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE7DA7 |
| RGB | 222, 125, 167 |
| RGB Percent | 87%, 49%, 65% |
| CMY | 0.1294, 0.5098, 0.3451 |
| CMYK | 0.00, 0.44, 0.25, 0.13 |
| HSL | 334°, 60%, 68% |
| HSV | 334°, 44%, 87% |
| XYZ | 44.4329, 32.9868, 40.5844 |
| YIQ | 158.7910, 44.3300, 33.6260 |

Conversions

Conversions Part 2

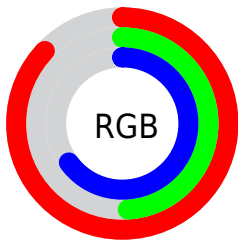
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 222, 125, 167 |
| Decimal | 14581159 |
| CIE Lab | 64.15, 42.58, -5.74 |
| CIE LCh | 64, 42.965, 352.317 |
| Yxy | 32.9868, 0.3765, 0.2795 |
| Android (android.graphics.Color) | 4292771239 (0xFFDE7DA7) |
| YUV | 158.7910, 4.0470, 55.4343 |
| Hunter-Lab | 57.4341, 37.5836, -1.6919 |

Details

The XYZ color **44.4329, 32.9868, 40.5844** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.8185, 59.8988, 52.4878**, and the grayscale version is **32.8280, 34.5376, 37.6115**.

A 20% lighter version of the original color is **70.5449, 58.7741, 76.7337**, and **20.9941, 14.0022, 17.8158** is the 20% darker color. If you saturate the color by 10%, you get **40.8225, 27.5384, 33.9161**, and if you desaturate by 10%, it is **48.7865, 39.7397, 48.0600**.

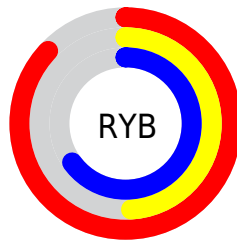
Distribution



Red (87%)

Green (49%)

Blue (65%)



Red (87%)

Yellow (49%)

Blue (65%)

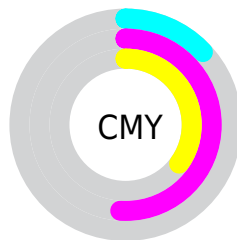


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (51%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4329, 32.9868, 40.5844 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 44.4329, 32.9868, 40.5844 by changing the saturation by 10% instead.


 44.4329, 32.9868,
40.5844

 44.4329, 32.9868,
40.5844


355.2944,
315.5902, 364.2057


 31.2104, 22.1163,
27.6772


 81.1111, 64.3549,
77.2994

 20.9117, 13.9424,
17.8456

 105.2974, 85.6214,
101.9443

 13.1716, 8.0806,
10.6709


 133.8691,
111.1219, 131.3389

 7.6246, 4.1466,
5.7346

167.1914,
141.2410, 165.9017

 3.9055, 1.7559,
2.6182

205.6297,
176.3630, 206.0512

 1.6488, 0.4595,
0.9018

249.5494,

 0.4239, 0.0000,

216.8722, 252.2060

0.0000

299.3158,
263.1532, 304.7847

■ 0.0000, 0.0000,
0.0000

■ 44.4329, 32.9868,
40.5844

■ 44.4329, 32.9868,
40.5844

■ 40.8225, 27.5384,
33.9161

■ 48.7865, 39.7397,
48.0600

■ 37.9069, 23.3038,
28.0222

■ 53.9221, 47.8705,
56.3702

■ 35.6361, 20.1881,
22.8696

■ 59.8788, 57.4526,
65.5429

■ 33.9517, 18.0800,
18.4215

■ 66.6923, 68.5528,
75.6042

■ 32.7832, 16.8446,
14.6360

■ 74.3964, 81.2339,
86.5790

■ 32.2412, 16.3764,
12.5564

■ 81.9912, 93.4924,
98.1472

■ 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.



41.5515, 32.9868, 60.5343



44.4329, 32.9868, 40.5844



43.4670, 32.9868, 24.6384

Triad

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



44.4329, 32.9868, 40.5844



27.1175, 32.9868, 12.9848



24.7322, 32.9868, 69.4884

Complementary

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



44.4329, 32.9868, 40.5844



42.8185, 59.8988, 52.4878

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.



21.7289, 32.9868, 50.1994



44.4329, 32.9868, 40.5844



22.9767, 32.9868, 19.0839

Square

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



44.4329, 32.9868, 40.5844



32.9429, 32.9868, 11.8959



21.1305, 32.9868, 31.6219



29.8150, 32.9868, 80.3972

Rectangle

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



44.4329, 32.9868, 40.5844



40.8222, 32.9868, 17.7546



21.1305, 32.9868, 31.6219



23.4745, 32.9868, 63.5212

Sweetspot

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



44.4338, 32.9884, 40.5850



82.4912, 79.4908, 90.5069



39.3345, 29.6422, 72.7561



17.2436, 16.3462, 18.7487



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.



44.4338, 32.9884, 40.5850



56.4677, 38.5651, 47.5466



42.0063, 33.3702, 23.6310



13.9524, 13.7986, 15.5195



19.2040, 9.7486, 7.7398



1.3754, 0.6934, 0.7697

Inverse Universe

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



44.4338, 32.9884, 40.5850



56.4677, 38.5651, 47.5466



46.0799, 58.5078, 77.9722



13.9524, 13.7986, 15.5195



19.2040, 9.7486, 7.7398



1.3754, 0.6934, 0.7697

Previews

White Background



This preview shows how the XYZ color 44.4329, 32.9868, 40.5844 looks on a white background.

Color Contrast Check

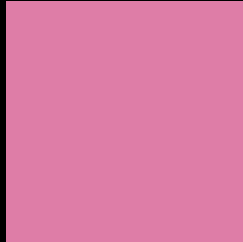
Large Text (above 18pt) WCAG AA × Fail

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 44.4329, 32.9868, 40.5844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

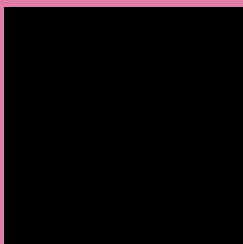
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4329, 32.9868, 40.5844

Background



This preview shows how black text looks on a background with the XYZ color 44.4329, 32.9868, 40.5844.



This preview shows how white text looks on a background with the XYZ color 44.4329, 32.9868,

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

44.4329, 32.9868, 40.5844

Protanopia

32.9787, 33.3774, 51.1587

Deuteranopia

33.7366, 33.0667, 38.7868



Tritanopia

41.9297, 32.9188, 28.9550

Trichromacy



Original Color

44.4329, 32.9868, 40.5844

Protanomaly

36.0144, 32.4313, 47.0095

Deuteranomaly

37.1129, 32.7177, 39.4810

Tritanomaly

42.7394, 32.8560, 32.9434

Monochromacy



Original Color

44.4329, 32.9868, 40.5844

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.2467, 33.4212, 38.7229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4329, 32.9868, 40.5844 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, 125, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 125, 167)  
}
```

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, 125, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 125, 167) }
```

Border

The CSS property to change the border of an element to XYZ 44.4329, 32.9868, 40.5844 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, 125, 167) }
```


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

```
.border{ border-color:rgb(222, 125, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 125, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 125, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 125, 167);  
box-shadow:4px 4px 4px 4px rgb(222, 125,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4329, 32.9868, 40.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 125, 167) }
```

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

```
.background{ background-color: rgb(222,  
125, 167) }
```

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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