

Converting Colors

XYZ(43.1726, 30.8413, 42.3365)

Have a look what the booklet for
XYZ(43.1726, 30.8413, 42.3365)
contains.

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Color

**XYZ(43.2272, 30.8785,
42.2099)**

Conversions

Conversions Part 1

Format	Color
Hex	DC75AB
RGB	220, 117, 171
RGB Percent	86%, 46%, 67%
CMY	0.1373, 0.5412, 0.3294
CMYK	0.00, 0.47, 0.22, 0.14
HSL	329°, 60%, 66%
HSV	329°, 47%, 86%
XYZ	43.2272, 30.8785, 42.2099
YIQ	153.9530, 44.0540, 38.6300

Conversions

Conversions Part 2

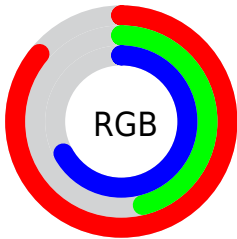
Format	Color
R_{YB}	220, 117, 171
Decimal	14448043
CIE Lab	62.40, 46.56, -10.65
CIE LCh	62, 47.762, 347.116
Yxy	30.8785, 0.3716, 0.2655
Android (android.graphics.Color)	4292638123 (0xFFDC75AB)
YUV	153.9530, 8.4042, 57.9232
Hunter-Lab	55.5684, 41.6121, -6.1389

Details

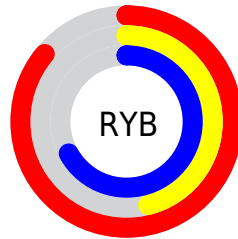
The XYZ color **43.2272, 30.8785, 42.2099** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.8137, 57.7224, 45.1223**, and the grayscale version is **30.6463, 32.2422, 35.1118**.

A 20% lighter version of the original color is **69.5304, 55.8768, 79.0722**, and **20.2674, 12.7852, 18.8523** is the 20% darker color. If you saturate the color by 10%, you get **40.0001, 25.9580, 36.4054**, and if you desaturate by 10%, it is **47.1374, 37.0381, 48.6325**.

Distribution



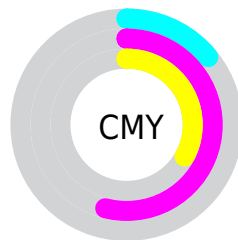
- Red (86%)
- Green (46%)
- Blue (67%)



- Red (86%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (22%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2272, 30.8785, 42.2099 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 43.2272, 30.8785, 42.2099 by changing the saturation by 10% instead.


 43.2272, 30.8785,
42.2099


 43.2272, 30.8785,
42.2099


350.4510,
305.9782, 371.1776


 30.2587, 20.5063,
28.9389


 79.3072, 61.0487,
79.7907

 20.1841, 12.7636,
18.7894

 103.1494, 81.6156,
104.9376

 12.6380, 7.2660,
11.3429


 131.3469,
106.3495, 134.8802

 7.2550, 3.6290,
6.1809

164.2650,
135.6348, 170.0370

 3.6698, 1.4683,
2.8848

202.2691,
169.8559, 210.8266

 1.5171, 0.2662,
1.0361

245.7246,

 0.3374, 0.0000,

209.3973, 257.6676

0.0000

294.9968,
254.6432, 310.9784

■ 0.0000, 0.0000,
0.0000

■ 43.2272, 30.8785,
42.2099

■ 43.2272, 30.8785,
42.2099

■ 40.0001, 25.9580,
36.4054

■ 47.1374, 37.0381,
48.6325

■ 37.4088, 22.1858,
31.1933

■ 51.7684, 44.5104,
55.6936

■ 35.4037, 19.4656,
26.5482


■ 57.1583, 53.3685,
63.4146


■ 33.9263, 17.6833,
22.4409


■ 63.3415, 63.6787,
71.8150


■ 32.9013, 16.6918,
18.8361

■ 70.3505, 75.5030,
80.9137

 32.6292, 16.4613,
17.7785

 78.2156, 88.9000,
90.7284

 81.6450, 93.2836,
99.5027

 83.2824, 93.9386,
108.1252

 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.



39.4437, 30.8785, 64.1712



43.2272, 30.8785, 42.2099



42.9200, 30.8785, 24.1858

Triad

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



43.2272, 30.8785, 42.2099



25.8370, 30.8785, 9.7688



21.6695, 30.8785, 67.0778

Complementary

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



43.2272, 30.8785, 42.2099



39.8137, 57.7224, 45.1223

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.



18.9907, 30.8785, 45.2384



43.2272, 30.8785, 42.2099



21.1429, 30.8785, 14.7336

Square

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



43.2272, 30.8785, 42.2099



32.2120, 30.8785, 9.4730



18.8133, 30.8785, 26.2849



26.6611, 30.8785, 81.7004

Rectangle

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



43.2272, 30.8785, 42.2099



40.4319, 30.8785, 16.3758



18.8133, 30.8785, 26.2849



20.5028, 30.8785, 60.0370

Sweetspot

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



43.2281, 30.8800, 42.2105



82.0848, 78.2537, 91.6791



34.8120, 25.8981, 70.8746



17.1850, 16.1113, 19.0917



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.



43.2281, 30.8800, 42.2105



56.0326, 36.4831, 51.1376



39.2942, 29.3064, 21.4950



13.3398, 13.1650, 15.0504



19.2064, 9.6836, 10.7328



1.2877, 0.6447, 0.9242

Inverse Universe

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



43.2281, 30.8800, 42.2105



56.0326, 36.4831, 51.1376



45.3984, 59.9563, 74.5310



13.3398, 13.1650, 15.0504



19.2064, 9.6836, 10.7328



1.2877, 0.6447, 0.9242

Previews

White Background



This preview shows how the XYZ color 43.2272, 30.8785, 42.2099 looks on a white background.

Color Contrast Check

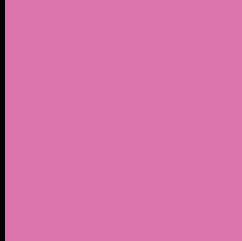
Large Text (above 18pt) WCAG AA × Fail

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 43.2272, 30.8785, 42.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

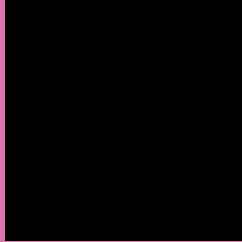
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2272, 30.8785, 42.2099

Background



This preview shows how black text looks on a background with the XYZ color 43.2272, 30.8785, 42.2099.

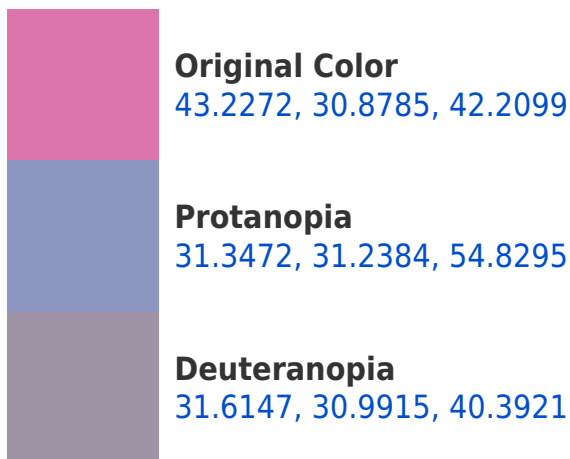


This preview shows how white text looks on a background with the XYZ color 43.2272, 30.8785,

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

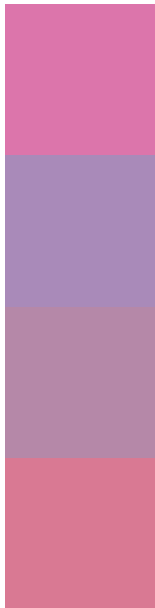




Tritanopia

39.8296, 30.7355, 26.3875

Trichromacy



Original Color

43.2272, 30.8785, 42.2099

Protanomaly

34.2076, 30.1148, 49.9087

Deuteranomaly

34.9281, 30.2592, 41.0455

Tritanomaly

40.7191, 30.5330, 31.3511

Monochromacy



Original Color

43.2272, 30.8785, 42.2099

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.2301, 31.0528, 37.4474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2272, 30.8785, 42.2099 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, 117, 171)` looks like.

```
.text, #text, p{  
    color:rgb(220, 117, 171)  
}
```

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, 117, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 117, 171) }
```

Border

The CSS property to change the border of an element to XYZ 43.2272, 30.8785, 42.2099 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, 117, 171) }
```


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

```
.border{ border-color:rgb(220, 117, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 117, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 117, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 117, 171);  
box-shadow:4px 4px 4px 4px rgb(220, 117,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2272, 30.8785, 42.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 117, 171) }
```

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

```
.background{ background-color: rgb(220,  
117, 171) }
```

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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