

Converting Colors

XYZ(43.0531, 34.3433, 46.8580)

Have a look what the booklet for
XYZ(43.0531, 34.3433, 46.8580)
contains.

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Color

**XYZ(42.9533, 34.2729,
46.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	D088B3
RGB	208, 136, 179
RGB Percent	82%, 53%, 70%
CMY	0.1843, 0.4666, 0.2980
CMYK	0.00, 0.35, 0.14, 0.18
HSL	324°, 43%, 67%
HSV	324°, 35%, 82%
XYZ	42.9533, 34.2729, 46.9993
YIQ	162.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

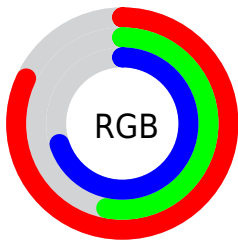
Format	Color
R _Y B	208, 136, 179
Decimal	13666483
CIE Lab	65.18, 33.79, -11.19
CIE LCh	65, 35.594, 341.682
Yxy	34.2729, 0.3458, 0.2759
Android (android.graphics.Color)	4291856563 (0xFFD088B3)
YUV	162.4300, 8.1690, 39.9649
Hunter-Lab	58.5431, 28.5159, -6.6188

Details

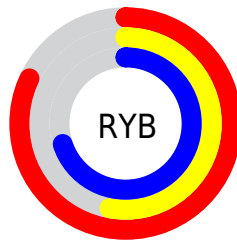
The XYZ color **42.9533, 34.2729, 46.9993** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.5022, 53.0636, 43.7600**, and the grayscale version is **34.4985, 36.2951, 39.5254**.

A 20% lighter version of the original color is **74.6489, 64.0851, 87.0325**, and **19.9633, 14.6788, 21.5198** is the 20% darker color. If you saturate the color by 10%, you get **39.4816, 28.6442, 41.7877**, and if you desaturate by 10%, it is **47.0470, 41.0622, 52.6730**.

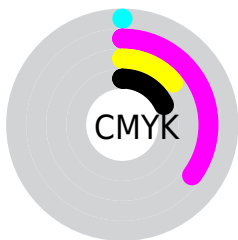
Distribution



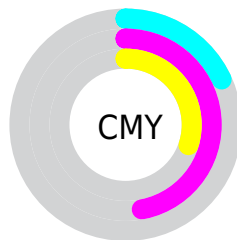
- Red (82%)
- Green (53%)
- Blue (70%)



- Red (82%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9533, 34.2729, 46.9993 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 42.9533, 34.2729, 46.9993 by changing the saturation by 10% instead.

42.9533, 34.2729,
46.9993

42.9533, 34.2729,
46.9993

349.3445,
321.3472, 391.2054

30.0428, 23.1033,
32.6808

78.8965, 66.3578,
87.0625

20.0193, 14.6698,
21.6129

102.6600, 88.0420,
113.6443

12.5174, 8.5880,
13.3771

130.7719,
113.9998, 145.1510

7.1718, 4.4734,
7.5550

163.5975,
144.6156, 182.0009

3.6171, 1.9418,
3.7279

201.5022,
180.2738, 224.6128

1.4879, 0.5733,
1.4773

244.8514,

0.3176, 0.0000,

221.3589, 273.4052

0.2009

294.0103,
268.2553, 328.7965

■ 0.0000, 0.0000,
0.0000

■ 42.9533, 34.2729,
46.9993

■ 42.9533, 34.2729,
46.9993

■ 39.4816, 28.6442,
41.7877

■ 47.0470, 41.0622,
52.6730

■ 36.5948, 24.1050,
37.0204

■ 51.7908, 49.0684,
58.8214

■ 34.2567, 20.5836,
32.6809


■ 57.2149, 58.3499,
65.4593


■ 32.4254, 17.9979,
28.7506


■ 63.3464, 68.9598,
72.5997


■ 31.0525, 16.2526,
25.2085


■ 70.2112, 80.9482,
80.2555


 30.0793, 15.2319,
22.0300

 75.9534, 90.6023,
87.8119

 29.6646, 14.8708,
20.4480

 77.1537, 91.0825,
94.1330

 78.4114, 91.5855,
100.7557

 79.7271, 92.1118,
107.6841

Harmonies

Analogous

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



39.6434, 34.2729, 62.8742



42.9533, 34.2729, 46.9993



43.3124, 34.2729, 31.8443

Triad

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



42.9533, 34.2729, 46.9993



30.6036, 34.2729, 15.8038



25.7008, 34.2729, 59.6324

Complementary

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



42.9533, 34.2729, 46.9993



39.5022, 53.0636, 43.7600

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.



23.7779, 34.2729, 43.3841



42.9533, 34.2729, 46.9993



26.4017, 34.2729, 19.8373

Square

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



42.9533, 34.2729, 46.9993



35.8006, 34.2729, 16.2897



24.0201, 34.2729, 29.0657



29.5499, 34.2729, 71.3951

Rectangle

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



42.9533, 34.2729, 46.9993



41.7883, 34.2729, 24.2728



24.0201, 34.2729, 29.0657



24.8270, 34.2729, 54.3563

Sweetspot

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



42.9543, 34.2745, 47.0000



85.8379, 84.1517, 97.8879



35.6663, 30.1421, 63.6133



18.1152, 17.5718, 20.6347



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.



42.9543, 34.2745, 47.0000



63.6802, 47.1549, 67.9403



39.7910, 33.0091, 30.3421



12.1008, 11.9251, 13.8067



18.5374, 9.2878, 13.0018



1.0752, 0.5348, 0.9308

Inverse Universe

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



42.9543, 34.2745, 47.0000



63.6802, 47.1549, 67.9403



43.2295, 54.5545, 63.3875



12.1008, 11.9251, 13.8067



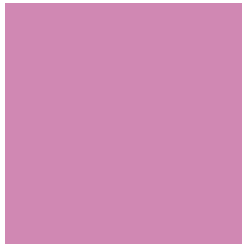
18.5374, 9.2878, 13.0018



1.0752, 0.5348, 0.9308

Previews

White Background



This preview shows how the XYZ color 42.9533, 34.2729, 46.9993 looks on a white background.

Color Contrast Check

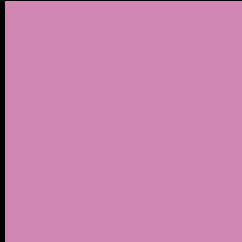
Large Text (above 18pt) WCAG AA × Fail

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 42.9533, 34.2729, 46.9993 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 42.9533, 34.2729, 46.9993

Background



This preview shows how black text looks on a background with the XYZ color 42.9533, 34.2729, 46.9993.



This preview shows how white text looks on a background with the XYZ color 42.9533, 34.2729,

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

42.9533, 34.2729, 46.9993

Protanopia

34.4451, 34.5435, 55.3042

Deuteranopia

35.1180, 34.3528, 45.8541



Tritanopia

40.3692, 34.2959, 34.1978

Trichromacy



Original Color

42.9533, 34.2729, 46.9993

Protanomaly

36.8378, 33.8964, 52.1780

Deuteranomaly

37.4256, 33.8655, 46.1591

Tritanomaly

41.2078, 34.1957, 38.6110

Monochromacy



Original Color

42.9533, 34.2729, 46.9993

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0495, 35.1933, 41.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9533, 34.2729, 46.9993 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(208, 136, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 136, 179)  
}
```

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(208, 136, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 136, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.9533, 34.2729, 46.9993 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(208, 136, 179) }
```


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

```
.border{ border-color:rgb(208, 136, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 136, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 136, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 136, 179);  
box-shadow:4px 4px 4px 4px rgb(208, 136,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9533, 34.2729, 46.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 136, 179) }
```

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

```
.background{ background-color: rgb(208,  
136, 179) }
```

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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