

Converting Colors

XYZ(43.0489, 33.9004, 43.6378)

Have a look what the booklet for
XYZ(43.0489, 33.9004, 43.6378)
contains.

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Color

**XYZ(43.2193, 34.0644,
43.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	D486AD
RGB	212, 134, 173
RGB Percent	83%, 53%, 68%
CMY	0.1686, 0.4745, 0.3216
CMYK	0.00, 0.37, 0.18, 0.17
HSL	330°, 48%, 68%
HSV	330°, 37%, 83%
XYZ	43.2193, 34.0644, 43.8323
YIQ	161.7680, 33.9690, 28.6650

Conversions

Conversions Part 2

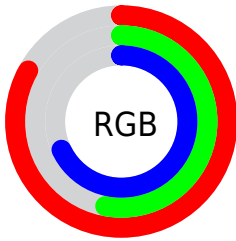
Format	Color
R _Y B	212, 134, 173
Decimal	13928109
CIE Lab	65.01, 35.29, -8.00
CIE LCh	65, 36.186, 347.233
Yxy	34.0644, 0.3568, 0.2813
Android (android.graphics.Color)	4292118189 (0xFFD486AD)
YUV	161.7680, 5.5374, 44.0535
Hunter-Lab	58.3647, 30.0417, -3.6719

Details

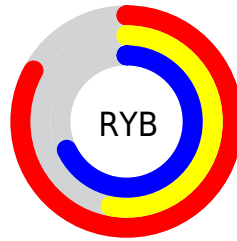
The XYZ color **43.2193, 34.0644, 43.8323** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.9193, 55.1734, 48.0307**, and the grayscale version is **34.1989, 35.9799, 39.1821**.

A 20% lighter version of the original color is **73.2268, 62.8279, 81.6663**, and **20.2547, 14.6349, 19.8464** is the 20% darker color. If you saturate the color by 10%, you get **39.5922, 28.3869, 37.7617**, and if you desaturate by 10%, it is **47.5171, 40.9523, 50.5288**.

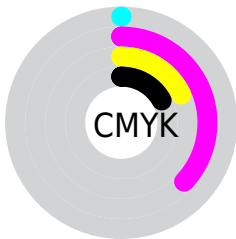
Distribution



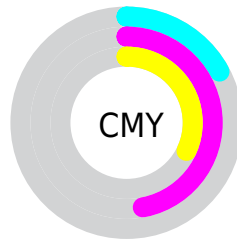
- Red (83%)
- Green (53%)
- Blue (68%)



- Red (83%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2193, 34.0644, 43.8323 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 43.2193, 34.0644, 43.8323 by changing the saturation by 10% instead.


 43.2193, 34.0644,
43.8323


 43.2193, 34.0644,
43.8323

350.4191,
320.4191, 378.0448


 30.2525, 22.9431,
30.2025


 79.2953, 66.0338,
82.2651

 20.1793, 14.5515,
19.7390


 103.1353, 87.6507,
107.9052

 12.6345, 8.5052,
12.0232


 131.3303,
113.5348, 138.3857

 7.2526, 4.4199,
6.6368

164.2458,
144.0707, 174.1253

 3.6683, 1.9111,
3.1610

202.2470,
179.6427, 215.5425

 1.5162, 0.5550,
1.1774

245.6994,

 0.3368, 0.0000,

220.6352, 263.0558

0.0000

294.9683,
267.4325, 317.0837

0.0000, 0.0000,
0.0000

43.2193, 34.0644,
43.8323

43.2193, 34.0644,
43.8323

39.5922, 28.3869,
37.7617

47.5171, 40.9523,
50.5288

36.5957, 23.8437,
32.2932

52.5168, 49.1112,
57.8695

34.1897, 20.3573,
27.4043


58.2512, 58.6035,
65.8742


32.3280, 17.8388,
23.0696


64.7500, 69.4859,
74.5615


30.9569, 16.1839,
19.2607


72.0413, 81.8119,
83.9486

 30.0071, 15.2576,
15.9437

 78.1399, 91.6085,
93.3820

 29.7528, 15.0376,
14.9685

 79.7317, 92.2452,
101.7646

 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



40.3428, 34.0644, 60.3093



43.2193, 34.0644, 43.8323



42.9736, 34.0644, 29.1889

Triad

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



43.2193, 34.0644, 43.8323



29.4858, 34.0644, 15.8085



26.0122, 34.0644, 62.5325

Complementary

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



43.2193, 34.0644, 43.8323



40.9193, 55.1734, 48.0307

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.



23.6837, 34.0644, 46.3027



43.2193, 34.0644, 43.8323



25.5358, 34.0644, 20.7579

Square

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



43.2193, 34.0644, 43.8323



34.6528, 34.0644, 15.4815



23.5193, 34.0644, 31.0778



30.2034, 34.0644, 72.9059

Rectangle

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



43.2193, 34.0644, 43.8323



41.0705, 34.0644, 22.2397



23.5193, 34.0644, 31.0778



25.0063, 34.0644, 57.4090

Sweetspot

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



43.2203, 34.0660, 43.8330



84.5687, 82.5202, 94.6696



37.6438, 30.6898, 66.2274



17.8458, 17.2400, 19.9067



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.



43.2203, 34.0660, 43.8330



61.3293, 44.9637, 59.4165



39.9808, 32.7702, 26.7743



12.6796, 12.5233, 14.2530



18.4184, 9.3037, 9.5071



1.1527, 0.5779, 0.7934

Inverse Universe

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



43.2203, 34.0660, 43.8330



61.3293, 44.9637, 59.4165



45.2597, 56.9095, 70.8869



12.6796, 12.5233, 14.2530



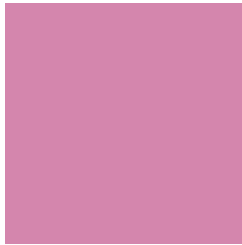
18.4184, 9.3037, 9.5071



1.1527, 0.5779, 0.7934

Previews

White Background



This preview shows how the XYZ color 43.2193, 34.0644, 43.8323 looks on a white background.

Color Contrast Check

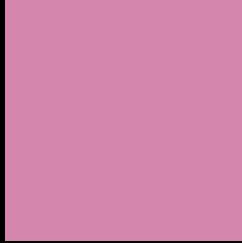
Large Text (above 18pt) WCAG AA × Fail

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 43.2193, 34.0644, 43.8323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

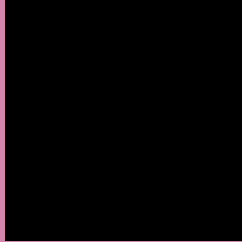
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2193, 34.0644, 43.8323

Background



This preview shows how black text looks on a background with the XYZ color 43.2193, 34.0644, 43.8323.



This preview shows how white text looks on a background with the XYZ color 43.2193, 34.0644,

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

43.2193, 34.0644, 43.8323

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

34.8655, 34.3006, 42.3192



Tritanopia

40.8078, 33.9022, 32.8267

Trichromacy



Original Color

43.2193, 34.0644, 43.8323



Protanomaly

36.7502, 33.9125, 49.4086



Deuteranomaly

37.4566, 33.9601, 42.6110



Tritanomaly

41.6956, 34.0616, 36.7247

Monochromacy



Original Color

43.2193, 34.0644, 43.8323



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

36.9336, 34.9129, 40.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2193, 34.0644, 43.8323 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(212, 134, 173)` looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 173)  
}
```

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(212, 134, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.2193, 34.0644, 43.8323 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(212, 134, 173) }
```


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

```
.border{ border-color:rgb(212, 134, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 134, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 173);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2193, 34.0644, 43.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 134, 173) }
```

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

```
.background{ background-color: rgb(212,  
134, 173) }
```

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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