

Converting Colors

XYZ(43.7969, 35.6216, 44.1155)

Have a look what the booklet for
XYZ(43.7969, 35.6216, 44.1155)
contains.

XYZ(43.7849, 35.6222, 44.1032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.7849, 35.6222,
44.1032)**

Conversions

Conversions Part 1

Format	Color
Hex	D38CAD
RGB	211, 140, 173
RGB Percent	83%, 55%, 68%
CMY	0.1725, 0.4510, 0.3216
CMYK	0.00, 0.34, 0.18, 0.17
HSL	332°, 45%, 69%
HSV	332°, 34%, 83%
XYZ	43.7849, 35.6222, 44.1032
YIQ	164.9910, 31.7230, 25.3150

Conversions

Conversions Part 2

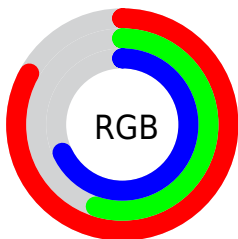
Format	Color
R_{YB}	211, 140, 173
Decimal	13864109
CIE _{Lab}	66.23, 31.72, -6.20
CIE _{LCh}	66, 32.318, 348.935
Yxy	35.6222, 0.3545, 0.2884
Android (android.graphics.Color)	4292054189 (0xFFD38CAD)
YUV	164.9910, 3.9484, 40.3499
Hunter-Lab	59.6843, 26.5014, -2.0328

Details

The XYZ color **43.7849, 35.6222, 44.1032** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1469, 55.3793, 50.5901**, and the grayscale version is **35.7318, 37.5926, 40.9384**.

A 20% lighter version of the original color is **74.5354, 65.4450, 82.1025**, and **20.5411, 15.4938, 19.9971** is the 20% darker color. If you saturate the color by 10%, you get **39.9453, 29.6183, 37.6577**, and if you desaturate by 10%, it is **48.3101, 42.8486, 51.2338**.

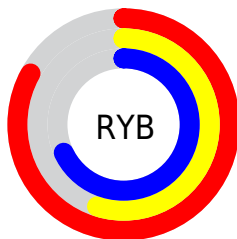
Distribution



Red (83%)

Green (55%)

Blue (68%)



Red (83%)

Yellow (55%)

Blue (68%)

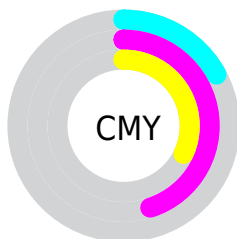


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7849, 35.6222, 44.1032 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 43.7849, 35.6222, 44.1032 by changing the saturation by 10% instead.

 43.7849, 35.6222,
44.1032

 43.7849, 35.6222,
44.1032

352.6968,
327.3062, 379.1829


 30.6986, 24.1426,
30.4139

 80.1423, 68.4485,
82.6771

 20.5202, 15.4394,
19.8982


 104.1442, 90.5640,
108.3988

 12.8842, 9.1283,
12.1377

 132.5153,
116.9936, 138.9684

 7.4253, 4.8250,
6.7139

165.6210,
148.1216, 174.8043

 3.7781, 2.1449,
3.2081

203.8266,
184.3325, 216.3252

 1.5774, 0.6897,
1.2018

247.4976,

 0.3776, 0.0000,

226.0106, 263.9496

0.0000

296.9992,
273.5404, 318.0960

■ 0.0000, 0.0000,
0.0000

■ 43.7849, 35.6222,
44.1032

■ 43.7849, 35.6222,
44.1032

■ 39.9453, 29.6183,
37.6577

■ 48.3101, 42.8486,
51.2338

■ 36.7520, 24.7633,
31.8718

■ 53.5512, 51.3559,
59.0694

■ 34.1664, 20.9831,
26.7214


■ 59.5404, 61.2045,
67.6313


■ 32.1441, 18.1931,
22.1796


■ 66.3068, 72.4497,
76.9396


■ 30.6342, 16.2955,
18.2166


■ 73.8782, 85.1435,
87.0133

 29.5754, 15.1721,
14.7988

 78.4659, 91.7057,
96.5989

 29.0718, 14.7320,
12.8824

 80.2038, 92.4008,
105.7504

 80.6742, 92.5890,
108.2272

Harmonies

Analogous

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



41.3318, 35.6222, 58.9504



43.7849, 35.6222, 44.1032



43.3956, 35.6222, 30.8004

Triad

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



43.7849, 35.6222, 44.1032



30.9405, 35.6222, 18.7182



28.1309, 35.6222, 62.4191

Complementary

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



43.7849, 35.6222, 44.1032



42.1469, 55.3793, 50.5901

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.



25.8312, 35.6222, 48.0459



43.7849, 35.6222, 44.1032



27.3440, 35.6222, 23.8411

Square

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



43.7849, 35.6222, 44.1032



35.6667, 35.6222, 18.1444



25.5575, 35.6222, 33.9153



32.1112, 35.6222, 71.0759

Rectangle

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



43.7849, 35.6222, 44.1032



41.5851, 35.6222, 24.3914



25.5575, 35.6222, 33.9153



27.1525, 35.6222, 57.9574

Sweetspot

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



43.7859, 35.6239, 44.1039



85.3276, 83.9476, 95.2007



39.4670, 32.9104, 65.9007



17.9918, 17.5224, 19.9847



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.



43.7859, 35.6239, 44.1039



63.1040, 48.2316, 60.8759



41.3266, 35.1994, 29.4290



12.0341, 11.8984, 13.4552



17.5954, 8.9110, 8.0415



1.0237, 0.5142, 0.6597

Inverse Universe

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



43.7859, 35.6239, 44.1039



63.1040, 48.2316, 60.8759



45.2849, 55.7007, 69.9930



12.0341, 11.8984, 13.4552



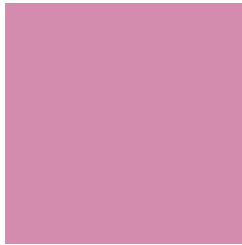
17.5954, 8.9110, 8.0415



1.0237, 0.5142, 0.6597

Previews

White Background



This preview shows how the XYZ color 43.7849, 35.6222, 44.1032 looks on a white background.

Color Contrast Check

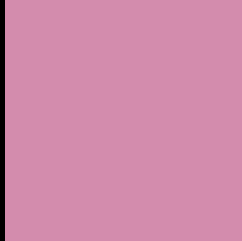
Large Text (above 18pt) WCAG AA × Fail

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 43.7849, 35.6222, 44.1032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

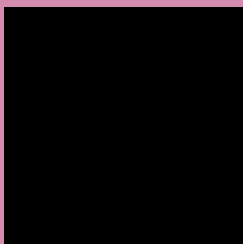
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7849, 35.6222, 44.1032

Background



This preview shows how black text looks on a background with the XYZ color 43.7849, 35.6222, 44.1032.



This preview shows how white text looks on a background with the XYZ color 43.7849, 35.6222,

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

43.7849, 35.6222, 44.1032

Protanopia

35.3384, 35.8549, 51.5125

Deuteranopia

36.5463, 35.9005, 43.0335



Tritanopia

41.9497, 35.5333, 35.2195

Trichromacy



Original Color

43.7849, 35.6222, 44.1032

Protanomaly

37.8632, 35.4658, 48.5660

Deuteranomaly

38.9108, 35.6383, 43.3561

Tritanomaly

42.6844, 35.6208, 38.3440

Monochromacy



Original Color

43.7849, 35.6222, 44.1032

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.2478, 36.5492, 42.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7849, 35.6222, 44.1032 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(211, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 140, 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(211, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 140, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.7849, 35.6222, 44.1032 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(211, 140, 173) }
```


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

```
.border{ border-color:rgb(211, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 140,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7849, 35.6222, 44.1032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 140, 173) }
```

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

```
.background{ background-color: rgb(211,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor