

Converting Colors

XYZ(50.1011, 43.3608, 45.4699)

Have a look what the booklet for
XYZ(50.1011, 43.3608, 45.4699)
contains.

XYZ(50.0652, 43.3430, 45.2625)	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(50.0652, 43.3430,
45.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9FAD
RGB	222, 159, 173
RGB Percent	87%, 62%, 68%
CMY	0.1294, 0.3764, 0.3216
CMYK	0.00, 0.28, 0.22, 0.13
HSL	347°, 49%, 75%
HSV	347°, 28%, 87%
XYZ	50.0652, 43.3430, 45.2625
YIQ	179.4330, 33.0540, 17.7100

Conversions

Conversions Part 2

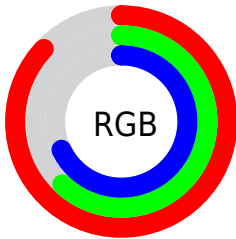
Format	Color
RYB	222, 159, 173
Decimal	14589869
CIELab	71.79, 25.41, 2.09
CIELCh	72, 25.496, 4.708
Yxy	43.3430, 0.3610, 0.3126
Android (android.graphics.Color)	4292779949 (0xFFDE9FAD)
YUV	179.4330, -3.1715, 37.3313
Hunter-Lab	65.8354, 20.5302, 5.3223

Details

The XYZ color **50.0652, 43.3430, 45.2625** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8064, 64.1687, 69.3330**, and the grayscale version is **43.0839, 45.3276, 49.3617**.

A 20% lighter version of the original color is **79.2902, 74.9546, 83.6874**, and **24.4348, 20.0029, 20.6622** is the 20% darker color. If you saturate the color by 10%, you get **45.0206, 35.7570, 35.8632**, and if you desaturate by 10%, it is **56.0138, 52.3906, 56.0296**.

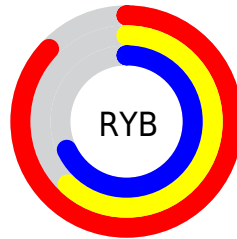
Distribution



Red (87%)

Green (62%)

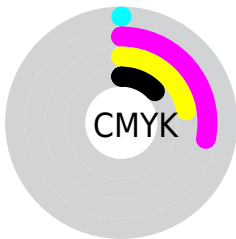
Blue (68%)



Red (87%)

Yellow (62%)

Blue (68%)

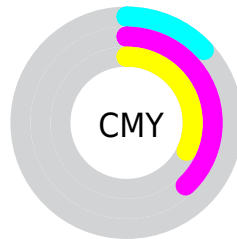


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0652, 43.3430, 45.2625 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 50.0652, 43.3430, 45.2625 by changing the saturation by 10% instead.


 50.0652, 43.3430,
45.2625


 50.0652, 43.3430,
45.2625


377.3686,
360.0205, 384.0267

 35.6832, 30.1543,
31.3198


 89.4627, 80.2282,
84.4368

 24.3586, 19.9558,
20.5820

 115.2090,
104.6935, 110.5055

 15.7260, 12.3629,
12.6305


145.4740,
133.6865, 141.4532

 9.4201, 6.9913,
7.0469

180.6232,
167.5916, 177.6985

 5.0755, 3.4567,
3.4126

221.0219,
206.7931, 219.6600

 2.3268, 1.3745,
1.3090

267.0355,

 0.8083, 0.1978,

251.6755, 267.7562

0.0691

319.0293,
302.6232, 322.4056

■ 0.0000, 0.0000,
0.0000

■ 50.0652, 43.3430,
45.2625

■ 50.0652, 43.3430,
45.2625

■ 45.0206, 35.7570,
35.8632

■ 56.0138, 52.3906,
56.0296

■ 40.8314, 29.5498,
27.7734

■ 62.9045, 62.9647,
68.2142

■ 37.4501, 24.6397,
20.9349

■ 70.7776, 75.1338,
81.8664

■ 34.8225, 20.9338,
15.2833

■ 79.6700, 88.9602,
97.0335

■ 32.8881, 18.3266,
10.7486

■ 83.9344, 94.2697,
108.3798

■ 31.5759, 16.6945,
7.2527

■ 30.7862, 15.8570,
4.7018

■ 30.6856, 15.7542,
4.3650

Harmonies

Analogous

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



49.1933, 43.3430, 58.1328



50.0652, 43.3430, 45.2625



48.4279, 43.3430, 34.8745

Triad

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



50.0652, 43.3430, 45.2625



36.6342, 43.3430, 30.1775



37.7400, 43.3430, 72.2066

Complementary

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



50.0652, 43.3430, 45.2625



51.8064, 64.1687, 69.3330

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.



34.7228, 43.3430, 62.1167



50.0652, 43.3430, 45.2625



34.1165, 43.3430, 37.7200

Square

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



50.0652, 43.3430, 45.2625



40.5165, 43.3430, 27.1918



33.4419, 43.3430, 49.1780



41.8835, 43.3430, 75.1749

Rectangle

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



50.0652, 43.3430, 45.2625



46.1969, 43.3430, 30.2810



33.4419, 43.3430, 49.1780



36.5701, 43.3430, 69.4581

Sweetspot

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



50.0664, 43.3450, 45.2634



85.4185, 85.1245, 92.1634



51.4005, 43.3810, 74.7720



17.9722, 17.7418, 19.1811



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.



50.0664, 43.3450, 45.2634



64.3280, 52.9882, 54.1672



51.8698, 49.0070, 39.5288



13.8313, 13.7502, 14.8818



18.2609, 9.3714, 2.7738



1.2993, 0.6630, 0.3690

Inverse Universe

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



50.0664, 43.3450, 45.2634



64.3280, 52.9882, 54.1672



49.3637, 56.4048, 77.3931



13.8313, 13.7502, 14.8818



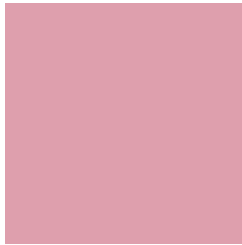
18.2609, 9.3714, 2.7738



1.2993, 0.6630, 0.3690

Previews

White Background



This preview shows how the XYZ color 50.0652, 43.3430, 45.2625 looks on a white background.

Color Contrast Check

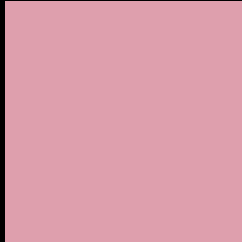
Large Text (above 18pt) WCAG AA × Fail

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 50.0652, 43.3430, 45.2625 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 50.0652, 43.3430, 45.2625

Background



This preview shows how black text looks on a background with the XYZ color 50.0652, 43.3430, 45.2625.



This preview shows how white text looks on a background with the XYZ color 50.0652, 43.3430,

45.2625.

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

50.0652, 43.3430, 45.2625

Protanopia

42.1336, 43.5023, 50.4321

Deuteranopia

44.2311, 43.2918, 44.5530



Tritanopia

49.8730, 43.2661, 44.2507

Trichromacy



Original Color

50.0652, 43.3430, 45.2625

Protanomaly

44.5728, 43.0999, 48.6177

Deuteranomaly

46.2594, 43.2301, 44.9358

Tritanomaly

49.9687, 43.3044, 44.7547

Monochromacy



Original Color

50.0652, 43.3430, 45.2625

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.1940, 44.2815, 47.7602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0652, 43.3430, 45.2625 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, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(222, 159, 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(222, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 159, 173) }
```

Border

The CSS property to change the border of an element to XYZ 50.0652, 43.3430, 45.2625 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, 159, 173) }
```


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

```
.border{ border-color:rgb(222, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(222, 159,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0652, 43.3430, 45.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 159, 173) }
```

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

```
.background{ background-color: rgb(222,  
159, 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