

Converting Colors

XYZ(51.7704, 43.5853, 45.5168)

Have a look what the booklet for
XYZ(51.7704, 43.5853, 45.5168)
contains.

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Color

**XYZ(52.0101, 43.8279,
45.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	E59DAE
RGB	229, 157, 174
RGB Percent	90%, 62%, 68%
CMY	0.1020, 0.3843, 0.3176
CMYK	0.00, 0.31, 0.24, 0.10
HSL	346°, 58%, 76%
HSV	346°, 31%, 90%
XYZ	52.0101, 43.8279, 45.7628
YIQ	180.4660, 37.4550, 20.5510

Conversions

Conversions Part 2

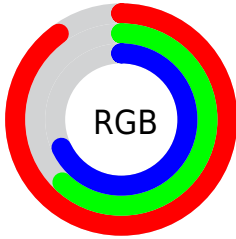
Format	Color
R _Y B	229, 157, 174
Decimal	15048110
CIE Lab	72.11, 29.17, 2.11
CIE LCh	72, 29.243, 4.132
Yxy	43.8279, 0.3673, 0.3095
Android (android.graphics.Color)	4293238190 (0xFFE59DAE)
YUV	180.4660, -3.1877, 42.5643
Hunter-Lab	66.2026, 24.3785, 5.3574

Details

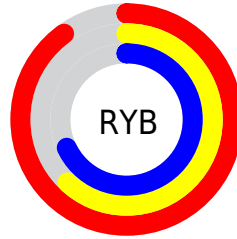
The XYZ color **52.0101, 43.8279, 45.7628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8095, 67.9614, 72.5725**, and the grayscale version is **43.6364, 45.9089, 49.9948**.

A 20% lighter version of the original color is **78.9263, 74.0041, 84.2531**, and **25.5777, 20.2789, 20.9785** is the 20% darker color. If you saturate the color by 10%, you get **46.8968, 36.1550, 36.1849**, and if you desaturate by 10%, it is **58.0741, 53.0460, 56.7545**.

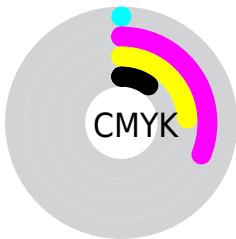
Distribution



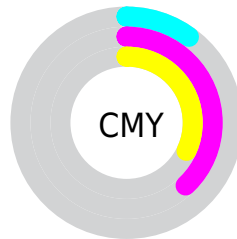
- Red (90%)
- Green (62%)
- Blue (68%)



- Red (90%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0101, 43.8279, 45.7628 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 52.0101, 43.8279, 45.7628 by changing the saturation by 10% instead.


 52.0101, 43.8279,
45.7628


 52.0101, 43.8279,
45.7628


384.7989,
362.0055, 386.1040

 37.2374, 30.5352,
31.7114


 92.3203, 80.9587,
85.1944

 25.5659, 20.2452,
20.8781


 118.5885,
105.5656, 111.4117

 16.6301, 12.5734,
12.8446


149.4193,
134.7128, 142.5214

 10.0648, 7.1355,
7.1921

185.1779,
168.7845, 178.9419

 5.5045, 3.5470,
3.5023

226.2299,
208.1653, 221.0919

 2.5840, 1.4235,
1.3565

272.9405,

 0.9378, 0.2340,

253.2395, 269.3899

0.1074

325.6750,
304.3914, 324.2545

■ 0.0000, 0.0000,
0.0000

■ 52.0101, 43.8279,
45.7628

■ 52.0101, 43.8279,
45.7628

■ 46.8968, 36.1550,
36.1849

■ 58.0741, 53.0460,
56.7545

■ 42.6813, 29.9363,
27.9597

■ 65.1307, 63.8812,
69.2122

■ 39.3113, 25.0810,
21.0256

■ 73.2237, 76.4085,
83.1889

■ 36.7269, 21.4854,
15.3146

■ 82.3930, 90.6963,
98.7338

■ 34.8605, 19.0306,
10.7525

■ 86.1233, 95.3981,
108.4822

■ 33.6319, 17.5747,
7.2558

■ 32.9806, 16.9250,
5.0259

Harmonies

Analogous

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



50.9288, 43.8279, 60.7821



52.0101, 43.8279, 45.7628



50.1402, 43.8279, 33.8686

Triad

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



52.0101, 43.8279, 45.7628



36.4880, 43.8279, 28.3522



37.5985, 43.8279, 77.0597

Complementary

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



52.0101, 43.8279, 45.7628



53.8095, 67.9614, 72.5725

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.



34.1893, 43.8279, 64.9137



52.0101, 43.8279, 45.7628



33.5850, 43.8279, 36.6796

Square

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



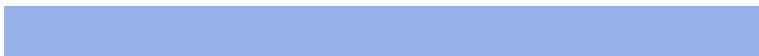
52.0101, 43.8279, 45.7628



40.9676, 43.8279, 25.1748



32.7781, 43.8279, 49.7346



42.3543, 43.8279, 80.8211

Rectangle

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



52.0101, 43.8279, 45.7628



47.5530, 43.8279, 28.6919



32.7781, 43.8279, 49.7346



36.2699, 43.8279, 73.7171

Sweetspot

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



52.0113, 43.8300, 45.7637



85.4652, 85.1432, 92.4093



53.0654, 43.6221, 79.7523



17.9836, 17.7464, 19.2412



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.



52.0113, 43.8300, 45.7637



61.8218, 49.0830, 49.9181



53.7304, 49.7543, 38.6724



14.5157, 14.4235, 15.6502



18.8954, 9.6924, 3.0784



1.4318, 0.7304, 0.4146

Inverse Universe

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



52.0113, 43.8300, 45.7637



61.8218, 49.0830, 49.9181



51.3434, 59.4153, 82.8915



14.5157, 14.4235, 15.6502



18.8954, 9.6924, 3.0784



1.4318, 0.7304, 0.4146

Previews

White Background



This preview shows how the XYZ color 52.0101, 43.8279, 45.7628 looks on a white background.

Color Contrast Check

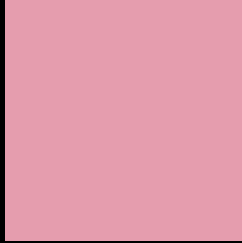
Large Text (above 18pt) WCAG AA × Fail

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 52.0101, 43.8279, 45.7628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

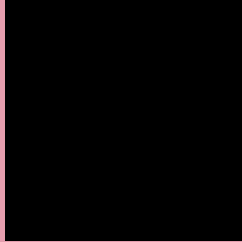
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0101, 43.8279, 45.7628

Background



This preview shows how black text looks on a background with the XYZ color 52.0101, 43.8279, 45.7628.



This preview shows how white text looks on a background with the XYZ color 52.0101, 43.8279,

45.7628.

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

52.0101, 43.8279, 45.7628

Protanopia

42.6424, 44.0184, 52.1479

Deuteranopia

44.6785, 43.8019, 44.6279



Tritanopia

51.7957, 44.0140, 43.7958

Trichromacy



Original Color

52.0101, 43.8279, 45.7628

Protanomaly

45.5544, 43.5824, 49.7273

Deuteranomaly

47.0950, 43.6609, 44.9749

Tritanomaly

51.8906, 44.0520, 44.2960

Monochromacy



Original Color

52.0101, 43.8279, 45.7628

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.0771, 44.7252, 48.3238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0101, 43.8279, 45.7628 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(229, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 174)  
}
```

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(229, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.0101, 43.8279, 45.7628 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(229, 157, 174) }
```


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

```
.border{ border-color:rgb(229, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 157,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0101, 43.8279, 45.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 174) }
```

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

```
.background{ background-color: rgb(229,  
157, 174) }
```

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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