

Converting Colors

XYZ(50.0595, 41.2564, 45.1503)

Have a look what the booklet for
XYZ(50.0595, 41.2564, 45.1503)
contains.

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Color

**XYZ(50.0706, 41.3580,
45.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	E297AE
RGB	226, 151, 174
RGB Percent	89%, 59%, 68%
CMY	0.1137, 0.4078, 0.3176
CMYK	0.00, 0.33, 0.23, 0.11
HSL	342°, 56%, 74%
HSV	342°, 33%, 89%
XYZ	50.0706, 41.3580, 45.3883
YIQ	176.0470, 37.3170, 23.0530

Conversions

Conversions Part 2

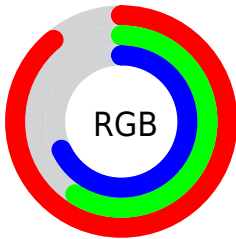
Format	Color
R _Y B	226, 151, 174
Decimal	14849966
CIE Lab	70.43, 31.29, -0.39
CIE LCh	70, 31.294, 359.282
Yxy	41.3580, 0.3660, 0.3023
Android (android.graphics.Color)	4293040046 (0xFFE297AE)
YUV	176.0470, -1.0092, 43.8088
Hunter-Lab	64.3102, 26.4336, 3.1719

Details

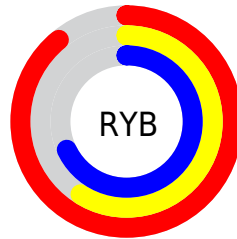
The XYZ color **50.0706, 41.3580, 45.3883** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7401, 65.2848, 66.4301**, and the grayscale version is **41.2839, 43.4338, 47.2994**.

A 20% lighter version of the original color is **77.4542, 71.0598, 83.7624**, and **24.3369, 18.7638, 20.7514** is the 20% darker color. If you saturate the color by 10%, you get **45.3364, 34.1933, 36.7077**, and if you desaturate by 10%, it is **55.6825, 49.9922, 55.2417**.

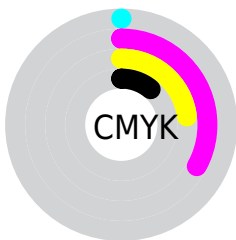
Distribution



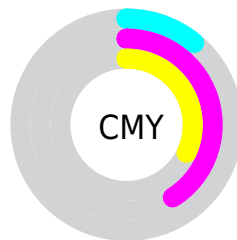
- Red (89%)
- Green (59%)
- Blue (68%)



- Red (89%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0706, 41.3580, 45.3883 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 50.0706, 41.3580, 45.3883 by changing the saturation by 10% instead.


 50.0706, 41.3580,
45.3883


 50.0706, 41.3580,
45.3883


377.3894,
351.8147, 384.5498

 35.6875, 28.5989,
31.4182


 89.4707, 77.2271,
84.6274

 24.3620, 18.7776,
20.6564


 115.2184,
101.1058, 110.7335

 15.7285, 11.5097,
12.6843

145.4850,
129.4599, 141.7220

 9.4219, 6.4108,
7.0833

180.6359,
162.6738, 178.0115

 5.0767, 3.0964,
3.4350

221.0364,
201.1318, 220.0205

 2.3275, 1.1823,
1.3208

267.0520,

 0.8087, 0.0472,

245.2184, 268.1675

0.0788

319.0478,
295.3178, 322.8711

■ 0.0000, 0.0000,
0.0000

■ 50.0706, 41.3580,
45.3883

■ 50.0706, 41.3580,
45.3883

■ 45.3364, 34.1933,
36.7077

■ 55.6825, 49.9922,
55.2417

■ 41.4304, 28.4098,
29.1520

■ 62.2113, 60.1659,
66.3084

■ 38.3033, 23.9189,
22.6733

■ 69.6978, 71.9517,
78.6296

■ 35.8988, 20.6191,
17.2192

■ 78.1794, 85.4159,
92.2440

■ 34.1526, 18.3935,
12.7322

■ 84.7507, 94.7394,
106.2083

■ 32.9879, 17.1009,
9.1475

■ 85.1741, 94.9088,
108.4378

■ 32.4476, 16.6022,
7.1731

Harmonies

Analogous

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



48.4559, 41.3580, 61.1346



50.0706, 41.3580, 45.3883



48.5988, 41.3580, 32.5317

Triad

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



50.0706, 41.3580, 45.3883



34.6605, 41.3580, 24.5417



34.4632, 41.3580, 74.0911

Complementary

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



50.0706, 41.3580, 45.3883



50.7401, 65.2848, 66.4301

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.



31.2865, 41.3580, 60.3827



50.0706, 41.3580, 45.3883



31.3933, 41.3580, 32.0384

Square

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



50.0706, 41.3580, 45.3883



39.4338, 41.3580, 22.2030



30.2126, 41.3580, 44.6772



39.1855, 41.3580, 79.7754

Rectangle

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



50.0706, 41.3580, 45.3883



46.1325, 41.3580, 26.7695



30.2126, 41.3580, 44.6772



33.1948, 41.3580, 70.1398

Sweetspot

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



50.0718, 41.3599, 45.3891



84.7306, 83.7088, 92.0569



49.2204, 40.2179, 77.1203



17.8478, 17.4648, 19.2265



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.



50.0718, 41.3599, 45.3891



61.3119, 47.5147, 51.4389



50.3615, 45.2253, 35.3557



13.8794, 13.7694, 15.1352



18.5579, 9.4902, 4.3376



1.3255, 0.6735, 0.5067

Inverse Universe

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



50.0718, 41.3599, 45.3891



61.3119, 47.5147, 51.4389



50.0975, 59.2836, 80.7542



13.8794, 13.7694, 15.1352



18.5579, 9.4902, 4.3376



1.3255, 0.6735, 0.5067

Previews

White Background



This preview shows how the XYZ color 50.0706, 41.3580, 45.3883 looks on a white background.

Color Contrast Check

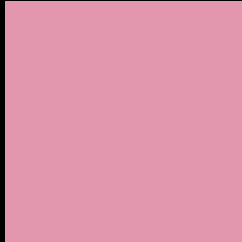
Large Text (above 18pt) WCAG AA × Fail

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 50.0706, 41.3580, 45.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

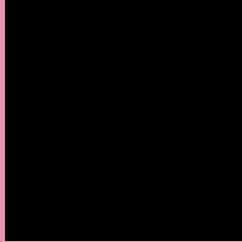
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0706, 41.3580, 45.3883

Background



This preview shows how black text looks on a background with the XYZ color 50.0706, 41.3580, 45.3883.



This preview shows how white text looks on a background with the XYZ color 50.0706, 41.3580,

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

50.0706, 41.3580, 45.3883

Protanopia

40.6287, 41.8209, 52.3852

Deuteranopia

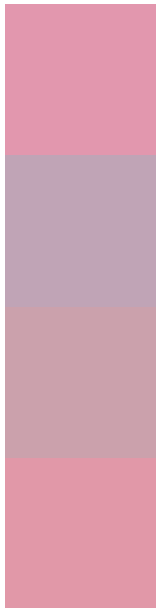
42.4046, 41.5249, 44.3082



Tritanopia

49.1434, 41.4704, 40.5364

Trichromacy



Original Color

50.0706, 41.3580, 45.3883

Protanomaly

43.4572, 41.1348, 49.9053

Deuteranomaly

44.8199, 41.1648, 44.6131

Tritanomaly

49.3475, 41.2912, 42.4149

Monochromacy



Original Color

50.0706, 41.3580, 45.3883

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.8047, 42.2019, 46.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0706, 41.3580, 45.3883 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(226, 151, 174)` looks like.

```
.text, #text, p{  
    color:rgb(226, 151, 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(226, 151, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 151, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.0706, 41.3580, 45.3883 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(226, 151, 174) }
```


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

```
.border{ border-color:rgb(226, 151, 174) }
```

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

Here you see how a box with a 4 pixel rgb(226, 151, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 151, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 151, 174);  
box-shadow:4px 4px 4px 4px rgb(226, 151,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0706, 41.3580, 45.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 151, 174) }
```

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

```
.background{ background-color: rgb(226,  
151, 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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