

Converting Colors

XYZ(51.1940, 43.3558, 48.9585)

Have a look what the booklet for
XYZ(51.1940, 43.3558, 48.9585)
contains.

XYZ(51.0357, 43.2565, 48.8395)	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(51.0357, 43.2565,
48.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	E09DB4
RGB	224, 157, 180
RGB Percent	88%, 62%, 71%
CMY	0.1216, 0.3843, 0.2941
CMYK	0.00, 0.30, 0.20, 0.12
HSL	339°, 52%, 75%
HSV	339°, 30%, 88%
XYZ	51.0357, 43.2565, 48.8395
YIQ	179.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

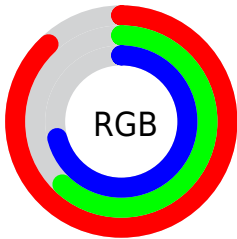
Format	Color
R_{YB}	224, 157, 180
Decimal	14720436
CIE _{Lab}	71.73, 28.25, -1.84
CIE _{LCh}	72, 28.314, 356.273
Yxy	43.2565, 0.3566, 0.3022
Android (android.graphics.Color)	4292910516 (0xFFE09DB4)
YUV	179.6550, 0.1701, 38.8906
Hunter-Lab	65.7697, 23.4148, 2.0110

Details

The XYZ color **51.0357, 43.2565, 48.8395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1048, 64.6977, 65.0559**, and the grayscale version is **43.1855, 45.4345, 49.4781**.

A 20% lighter version of the original color is **79.9238, 74.4031, 89.5057**, and **25.0308, 19.9603, 22.6121** is the 20% darker color. If you saturate the color by 10%, you get **46.1677, 35.7926, 40.2111**, and if you desaturate by 10%, it is **56.7600, 52.1775, 58.5392**.

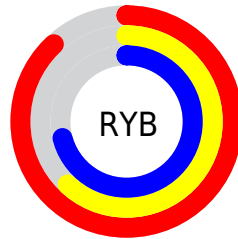
Distribution



Red (88%)

Green (62%)

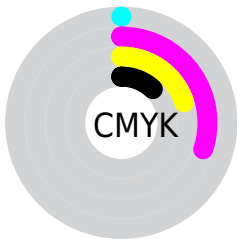
Blue (71%)



Red (88%)

Yellow (62%)

Blue (71%)

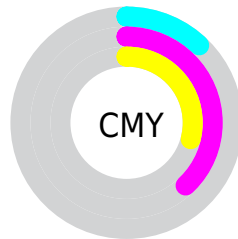


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0357, 43.2565, 48.8395 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 51.0357, 43.2565, 48.8395 by changing the saturation by 10% instead.


 51.0357, 43.2565,
48.8395


 51.0357, 43.2565,
48.8395


381.0878,
359.6656, 398.7144

 36.4582, 30.0864,
34.1275


 90.8902, 80.0978,
89.8315

 24.9600, 19.9042,
22.7134


 116.8979,
104.5378, 116.9487

 16.1758, 12.3254,
14.1787

147.4464,
133.5032, 149.0379

 9.7403, 6.9657,
8.1049

182.9010,
167.3785, 186.5177

 5.2881, 3.4407,
4.0734

223.6271,
206.5479, 229.8068

 2.4537, 1.3659,
1.6657

269.9900,

 0.8720, 0.1914,

251.3960, 279.3235

0.3371

322.3552,
302.3071, 335.4866

■ 0.0000, 0.0000,
0.0000

■ 51.0357, 43.2565,
48.8395

■ 51.0357, 43.2565,
48.8395

■ 46.1677, 35.7926,
40.2111

■ 56.7600, 52.1775,
58.5392

■ 42.1093, 29.7018,
32.6125

■ 63.3768, 62.6217,
69.3440

■ 38.8149, 24.9007,
26.0035

■ 70.9246, 74.6585,
81.2897

■ 36.2328, 21.2944,
20.3397

■ 79.4384, 88.3510,
94.4093

■ 34.3040, 18.7744,
15.5729

■ 84.3194, 94.4949,
107.1906

■ 32.9594, 17.2127,
11.6493

■ 84.5507, 94.5874,
108.4086

■ 32.0832, 16.3880,
8.4973

■ 32.0763, 16.3816,
8.4716

Harmonies

Analogous

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



49.2833, 43.2565, 63.3643



51.0357, 43.2565, 48.8395



49.9639, 43.2565, 36.3345

Triad

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



51.0357, 43.2565, 48.8395



37.1600, 43.2565, 27.1399



36.1963, 43.2565, 72.6994

Complementary

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



51.0357, 43.2565, 48.8395



51.1048, 64.6977, 65.0559

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.



33.3762, 43.2565, 59.8036



51.0357, 43.2565, 48.8395



33.9014, 43.2565, 33.8865

Square

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



51.0357, 43.2565, 48.8395



41.7173, 43.2565, 25.3285



32.5695, 43.2565, 45.4003



40.5165, 43.2565, 78.7300

Rectangle

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



51.0357, 43.2565, 48.8395



47.8339, 43.2565, 30.4544



32.5695, 43.2565, 45.4003



35.0549, 43.2565, 68.9146

Sweetspot

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



51.0369, 43.2585, 48.8404



85.8281, 85.2883, 94.3202



49.4798, 41.8532, 75.9922



18.0725, 17.7819, 19.7094



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.



51.0369, 43.2585, 48.8404



64.1903, 51.4525, 58.0060



50.6557, 45.9394, 38.0980



13.9004, 13.7778, 15.2459



18.7193, 9.5547, 5.1874



1.3386, 0.6787, 0.5757

Inverse Universe

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



51.0369, 43.2585, 48.8404



64.1903, 51.4525, 58.0060



51.3946, 60.6191, 79.5134



13.9004, 13.7778, 15.2459



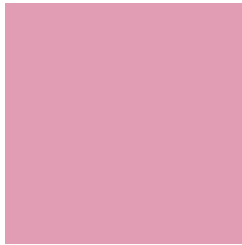
18.7193, 9.5547, 5.1874



1.3386, 0.6787, 0.5757

Previews

White Background



This preview shows how the XYZ color 51.0357, 43.2565, 48.8395 looks on a white background.

Color Contrast Check

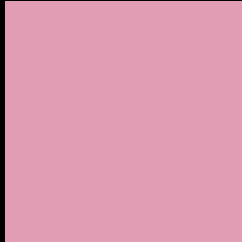
Large Text (above 18pt) WCAG AA × Fail

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 51.0357, 43.2565, 48.8395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

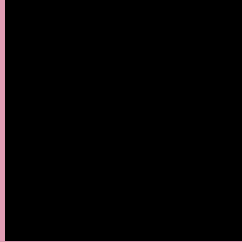
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0357, 43.2565, 48.8395

Background



This preview shows how black text looks on a background with the XYZ color 51.0357, 43.2565, 48.8395.



This preview shows how white text looks on a background with the XYZ color 51.0357, 43.2565,

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

51.0357, 43.2565, 48.8395

Protanopia

42.4131, 43.5355, 55.4580

Deuteranopia

44.3370, 43.5466, 48.1880



Tritanopia

50.1802, 43.4245, 44.2651

Trichromacy



Original Color

51.0357, 43.2565, 48.8395

Protanomaly

44.9646, 42.9306, 52.9302

Deuteranomaly

46.6747, 43.3645, 48.5580

Tritanomaly

50.2983, 43.1977, 45.7314

Monochromacy



Original Color

51.0357, 43.2565, 48.8395

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.7557, 44.5361, 49.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0357, 43.2565, 48.8395 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(224, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 180)  
}
```

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(224, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 180) }
```

Border

The CSS property to change the border of an element to XYZ 51.0357, 43.2565, 48.8395 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(224, 157, 180) }
```


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

```
.border{ border-color:rgb(224, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 157, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 157, 180); box-shadow:4px 4px 4px 4px rgb(224, 157, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0357, 43.2565, 48.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 180) }
```

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

```
.background{ background-color: rgb(224,  
157, 180) }
```

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