

Converting Colors

XYZ(46.2427, 41.3015, 43.7457)

Have a look what the booklet for
XYZ(46.2427, 41.3015, 43.7457)
contains.

XYZ(46.2322, 41.4002, 43.5845)	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(46.2322, 41.4002,
43.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	D29FAA
RGB	210, 159, 170
RGB Percent	82%, 62%, 67%
CMY	0.1765, 0.3765, 0.3333
CMYK	0.00, 0.24, 0.19, 0.18
HSL	347°, 36%, 72%
HSV	347°, 24%, 82%
XYZ	46.2322, 41.4002, 43.5845
YIQ	175.5030, 26.8650, 14.2330

Conversions

Conversions Part 2

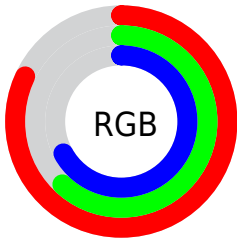
Format	Color
R _{YB}	210, 159, 170
Decimal	13803434
CIE _{Lab}	70.46, 20.57, 1.66
CIE _{LCh}	70, 20.637, 4.626
Yxy	41.4002, 0.3523, 0.3155
Android (android.graphics.Color)	4291993514 (0xFFD29FAA)
YUV	175.5030, -2.7130, 30.2539
Hunter-Lab	64.3430, 15.6569, 4.8784

Details

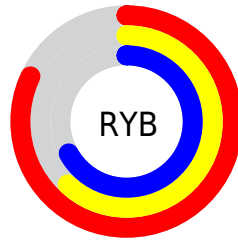
The XYZ color **46.2322, 41.4002, 43.5845** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6552, 57.5887, 62.6398**, and the grayscale version is **41.0131, 43.1490, 46.9893**.

A 20% lighter version of the original color is **78.8772, 74.7894, 81.5127**, and **22.0453, 18.7920, 19.6048** is the 20% darker color. If you saturate the color by 10%, you get **41.4613, 34.1976, 34.7822**, and if you desaturate by 10%, it is **51.8142, 49.9117, 53.6214**.

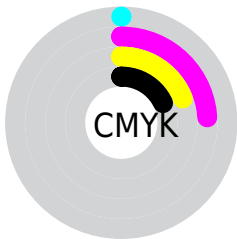
Distribution



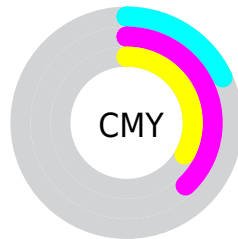
- Red (82%)
- Green (62%)
- Blue (67%)



- Red (82%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2322, 41.4002, 43.5845 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 46.2322, 41.4002, 43.5845 by changing the saturation by 10% instead.


 46.2322, 41.4002,
43.5845


 46.2322, 41.4002,
43.5845


362.4417,
351.9905, 377.0016

 32.6345, 28.6319,
30.0092


 83.7921, 77.2910,
81.8879

 22.0045, 18.8026,
19.5935


 108.4851,
101.1824, 107.4532

 13.9768, 11.5277,
11.9187


137.6071,
129.5502, 137.8521

 8.1861, 6.4230,
6.5665

171.5237,
162.7789, 173.5033

 4.2671, 3.1039,
3.1182

210.6000,
201.2529, 214.8254

 1.8543, 1.1862,
1.1553

255.2016,

 0.5501, 0.0504,

245.3566, 262.2367

0.0000

305.6937,
295.4743, 316.1560

0.0000, 0.0000,
0.0000

46.2322, 41.4002,
43.5845

46.2322, 41.4002,
43.5845

41.4613, 34.1976,
34.7822

51.8142, 49.9117,
53.6214

37.4599, 28.2333,
27.1636

58.2393, 59.7867,
64.9359

34.1877, 23.4387,
20.6783

65.5424, 71.0836,
77.5720

31.5994, 19.7363,
15.2709

73.7549, 83.8558,
91.5707

29.6446, 17.0392,
10.8813

79.9665, 92.2729,
105.9912

■ 28.2653, 15.2468,
7.4430

■ 80.3885, 92.4417,
108.2139

■ 27.3924, 14.2377,
4.8809

■ 27.0576, 13.8934,
3.7667

Harmonies

Analogous

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



45.5570, 41.4002, 53.5864



46.2322, 41.4002, 43.5845



44.9781, 41.4002, 35.2540

Triad

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



46.2322, 41.4002, 43.5845



35.7506, 41.4002, 31.3596



36.6141, 41.4002, 64.1990

Complementary

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



46.2322, 41.4002, 43.5845



47.6552, 57.5887, 62.6398

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.



34.2115, 41.4002, 56.5755



46.2322, 41.4002, 43.5845



33.7334, 41.4002, 37.5211

Square

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



46.2322, 41.4002, 43.5845



38.8247, 41.4002, 28.8726



33.1865, 41.4002, 46.6048



39.8793, 41.4002, 66.4336

Rectangle

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



46.2322, 41.4002, 43.5845



43.2569, 41.4002, 31.4698



33.1865, 41.4002, 46.6048



35.6850, 41.4002, 62.1327

Sweetspot

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



46.2334, 41.4021, 43.5854



87.4447, 88.2661, 95.6465



47.5723, 41.5867, 66.4929



18.5832, 18.6871, 20.2379



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.



46.2334, 41.4021, 43.5854



67.8516, 58.3591, 60.5088



47.8677, 46.2666, 39.2107



11.9116, 11.8494, 12.8102



16.5353, 8.4869, 2.4590



0.9547, 0.4866, 0.2962

Inverse Universe

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



46.2334, 41.4021, 43.5854



67.8516, 58.3591, 60.5088



45.5710, 51.3027, 68.4738



11.9116, 11.8494, 12.8102



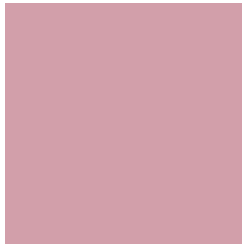
16.5353, 8.4869, 2.4590



0.9547, 0.4866, 0.2962

Previews

White Background



This preview shows how the XYZ color 46.2322, 41.4002, 43.5845 looks on a white background.

Color Contrast Check

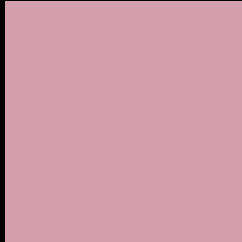
Large Text (above 18pt) WCAG AA × Fail

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 46.2322, 41.4002, 43.5845 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 46.2322, 41.4002, 43.5845

Background



This preview shows how black text looks on a background with the XYZ color 46.2322, 41.4002, 43.5845.



This preview shows how white text looks on a background with the XYZ color 46.2322, 41.4002,

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

46.2322, 41.4002, 43.5845

Protanopia

40.1439, 41.6780, 47.5238

Deuteranopia

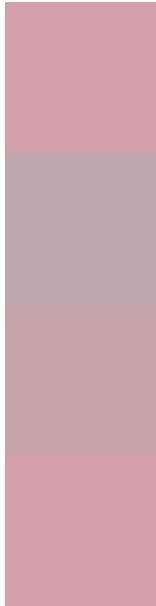
42.4660, 41.5784, 43.3233



Tritanopia

46.3272, 41.4382, 44.0847

Trichromacy



Original Color

46.2322, 41.4002, 43.5845

Protanomaly

41.9522, 41.2582, 45.7969

Deuteranomaly

43.7256, 41.4213, 43.2266

Tritanomaly

46.3272, 41.4382, 44.0847

Monochromacy



Original Color

46.2322, 41.4002, 43.5845

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.7537, 42.4968, 45.9937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2322, 41.4002, 43.5845 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(210, 159, 170)` looks like.

```
.text, #text, p{  
    color:rgb(210, 159, 170)  
}
```

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(210, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 159, 170) }
```

Border

The CSS property to change the border of an element to XYZ 46.2322, 41.4002, 43.5845 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(210, 159, 170) }
```


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

```
.border{ border-color:rgb(210, 159, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 159, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(210, 159,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2322, 41.4002, 43.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 159, 170) }
```

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

```
.background{ background-color: rgb(210,  
159, 170) }
```

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