

Converting Colors

XYZ(46.7076, 40.8749, 43.5219)

Have a look what the booklet for
XYZ(46.7076, 40.8749, 43.5219)
contains.

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Color

**XYZ(46.5847, 40.8253,
43.4550)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D59CAA |
| RGB | 213, 156, 170 |
| RGB Percent | 84%, 61%, 67% |
| CMY | 0.1647, 0.3882, 0.3333 |
| CMYK | 0.00, 0.27, 0.20, 0.16 |
| HSL | 345°, 40%, 72% |
| HSV | 345°, 27%, 84% |
| XYZ | 46.5847, 40.8253, 43.4550 |
| YIQ | 174.6390, 29.4780, 16.4380 |

Conversions

Conversions Part 2

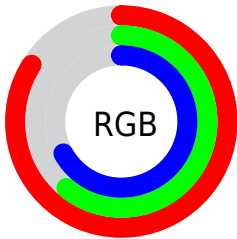
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 213, 156, 170 |
| Decimal | 13999274 |
| CIE Lab | 70.05, 23.30, 1.12 |
| CIE LCh | 70, 23.327, 2.746 |
| Yxy | 40.8253, 0.3560, 0.3120 |
| Android (android.graphics.Color) | 4292189354 (0xFFD59CAA) |
| YUV | 174.6390, -2.2870, 33.6426 |
| Hunter-Lab | 63.8947, 18.3261, 4.4029 |

Details

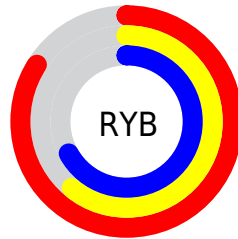
The XYZ color **46.5847, 40.8253, 43.4550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8150, 58.7809, 62.8613**, and the grayscale version is **40.5627, 42.6752, 46.4732**.

A 20% lighter version of the original color is **78.1249, 73.2848, 81.2619**, and **22.1250, 18.3767, 19.5205** is the 20% darker color. If you saturate the color by 10%, you get **41.8906, 33.7228, 34.8432**, and if you desaturate by 10%, it is **52.0936, 49.2594, 53.2561**.

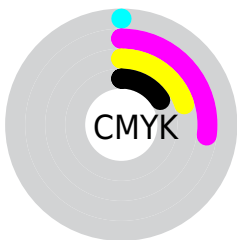
Distribution



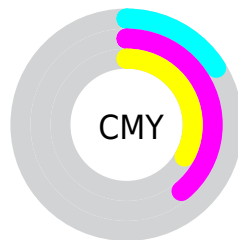
- Red (84%)
- Green (61%)
- Blue (67%)



- Red (84%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5847, 40.8253, 43.4550 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 46.5847, 40.8253, 43.4550 by changing the saturation by 10% instead.


 46.5847, 40.8253,
43.4550


 46.5847, 40.8253,
43.4550


363.8310,
349.5899, 376.4557

 32.9140, 28.1826,
29.9082


 84.3159, 76.4186,
81.6907

 22.2195, 18.4634,
19.5175

 109.1071,
100.1380, 107.2168

 14.1358, 11.2832,
11.8642

138.3360,
128.3185, 137.5730

 8.2975, 6.2576,
6.5299

172.3677,
161.3443, 173.1779

 4.3393, 3.0024,
3.0959

211.5677,
199.6000, 214.4501

 1.8958, 1.1330,
1.1438

256.3014,

 0.5744, 0.0059,

243.4699, 261.8081

0.0000

306.9340,
293.3384, 315.6705

0.0000, 0.0000,
0.0000

46.5847, 40.8253,
43.4550

46.5847, 40.8253,
43.4550

41.8906, 33.7228,
34.8432

52.0936, 49.2594,
53.2561

37.9686, 27.8780,
27.3722

58.4507, 59.0825,
64.2876

34.7770, 23.2187,
20.9937

65.6914, 70.3558,
76.5914

32.2687, 19.6628,
15.6548

73.8483, 83.1350,
90.2069

30.3910, 17.1176,
11.2979

80.5108, 92.5902,
104.3578

■ 29.0829, 15.4753,
7.8595

■ 81.2507, 92.8862,
108.2542

■ 28.2671, 14.5967,
5.2661

■ 28.0674, 14.3969,
4.5845

Harmonies

Analogous

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



45.6820, 40.8253, 54.7611



46.5847, 40.8253, 43.4550



45.2921, 40.8253, 34.0479

Triad

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



46.5847, 40.8253, 43.4550



34.9764, 40.8253, 29.0464



35.5463, 40.8253, 65.8172

Complementary

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



46.5847, 40.8253, 43.4550



47.8150, 58.7809, 62.8613

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.



32.9657, 40.8253, 56.7847



46.5847, 40.8253, 43.4550



32.6521, 40.8253, 35.5251

Square

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



46.5847, 40.8253, 43.4550



38.4536, 40.8253, 26.6260



31.9404, 40.8253, 45.4638



39.1550, 40.8253, 68.8553

Rectangle

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



46.5847, 40.8253, 43.4550



43.4058, 40.8253, 29.7647



31.9404, 40.8253, 45.4638



34.5381, 40.8253, 63.3158

Sweetspot

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



46.5858, 40.8272, 43.4558



86.5041, 86.7159, 94.3128



47.3870, 40.6909, 68.3077



18.1923, 18.0602, 19.6296



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.



46.5858, 40.8272, 43.4558



65.9350, 55.1706, 57.8824



47.8643, 45.3914, 37.6935



12.5471, 12.4703, 13.5551



17.1790, 8.8079, 2.9809



1.0694, 0.5445, 0.3547

Inverse Universe

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



46.5858, 40.8272, 43.4558



65.9350, 55.1706, 57.8824



46.0879, 52.6052, 70.6758



12.5471, 12.4703, 13.5551



17.1790, 8.8079, 2.9809



1.0694, 0.5445, 0.3547

Previews

White Background



This preview shows how the XYZ color 46.5847, 40.8253, 43.4550 looks on a white background.

Color Contrast Check

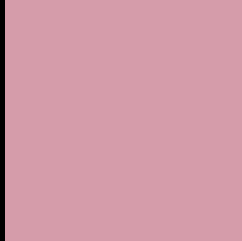
Large Text (above 18pt) WCAG AA × Fail

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 46.5847, 40.8253, 43.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

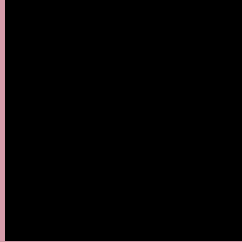
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5847, 40.8253, 43.4550

Background



This preview shows how black text looks on a background with the XYZ color 46.5847, 40.8253, 43.4550.



This preview shows how white text looks on a background with the XYZ color 46.5847, 40.8253,

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

46.5847, 40.8253, 43.4550

Protanopia

39.8324, 41.2244, 47.9772

Deuteranopia

41.6904, 40.9184, 42.7465



Tritanopia

46.3969, 40.7502, 42.4660

Trichromacy



Original Color

46.5847, 40.8253, 43.4550

Protanomaly

42.1131, 41.0589, 46.2630

Deuteranomaly

43.3705, 40.7110, 43.1083

Tritanomaly

46.4905, 40.7876, 42.9586

Monochromacy



Original Color

46.5847, 40.8253, 43.4550

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.5317, 41.8412, 45.3697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5847, 40.8253, 43.4550 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(213, 156, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 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(213, 156, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 170) }
```

Border

The CSS property to change the border of an element to XYZ 46.5847, 40.8253, 43.4550 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(213, 156, 170) }
```


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

```
.border{ border-color:rgb(213, 156, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5847, 40.8253, 43.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 170) }
```

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

```
.background{ background-color: rgb(213,  
156, 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](#).

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