

Converting Colors

XYZ(47.4815, 40.2020, 45.4709)

Have a look what the booklet for
XYZ(47.4815, 40.2020, 45.4709)
contains.

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Color

**XYZ(47.4835, 40.2642,
45.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	D998AE
RGB	217, 152, 174
RGB Percent	85%, 60%, 68%
CMY	0.1490, 0.4039, 0.3176
CMYK	0.00, 0.30, 0.20, 0.15
HSL	340°, 46%, 72%
HSV	340°, 30%, 85%
XYZ	47.4835, 40.2642, 45.3135
YIQ	173.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

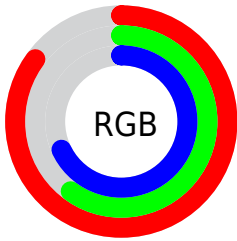
Format	Color
RYB	217, 152, 174
Decimal	14260398
CIELab	69.66, 27.53, -1.64
CIELCh	70, 27.575, 356.600
Yxy	40.2642, 0.3569, 0.3026
Android (android.graphics.Color)	4292450478 (0xFFD998AE)
YUV	173.9430, 0.0281, 37.7610
Hunter-Lab	63.4541, 22.5292, 2.0780

Details

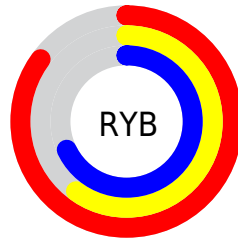
The XYZ color **47.4835, 40.2642, 45.3135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6138, 60.2423, 60.7511**, and the grayscale version is **40.1923, 42.2854, 46.0488**.

A 20% lighter version of the original color is **77.6957, 71.5428, 83.8429**, and **22.7680, 18.0966, 20.7053** is the 20% darker color. If you saturate the color by 10%, you get **42.9529, 33.3241, 37.2633**, and if you desaturate by 10%, it is **52.8103, 48.5565, 54.3681**.

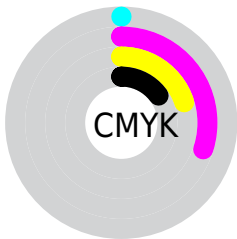
Distribution



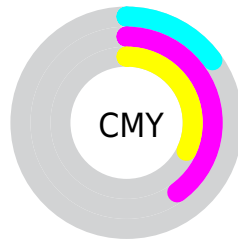
- Red (85%)
- Green (60%)
- Blue (68%)



- Red (85%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4835, 40.2642, 45.3135 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 47.4835, 40.2642, 45.3135 by changing the saturation by 10% instead.


 47.4835, 40.2642,
45.3135


 47.4835, 40.2642,
45.3135


367.3579,
347.2359, 384.2389

 33.6276, 27.7446,
31.3597


 85.6492, 75.5657,
84.5141

 22.7692, 18.1332,
20.6121


 110.6898, 99.1163,
110.5979

 14.5429, 11.0457,
12.6523


140.1893,
127.1128, 141.5622

 8.5835, 6.0976,
7.0617

174.5130,
159.9394, 177.8254

 4.5254, 2.9045,
3.4217

214.0264,
197.9806, 219.8062

 2.0035, 1.0821,
1.3138

259.0948,

 0.6359, 0.0000,

241.6209, 267.9230

0.0730

310.0835,
291.2445, 322.5943

■ 0.0000, 0.0000,
0.0000

■ 47.4835, 40.2642,
45.3135

■ 47.4835, 40.2642,
45.3135

■ 42.9529, 33.3241,
37.2633

■ 52.8103, 48.5565,
54.3681

■ 39.1752, 27.6583,
30.1786

■ 58.9669, 58.2622,
64.4590

■ 36.1081, 23.1897,
24.0215

■ 65.9890, 69.4454,
75.6197

■ 33.7035, 19.8304,
18.7504

■ 73.9092, 82.1647,
87.8814

■ 31.9070, 17.4802,
14.3198

■ 80.9767, 92.9123,
100.6800

■ 30.6544, 16.0205,
10.6794

■ 82.4254, 93.4918,
108.3092

■ 29.8360, 15.2419,
7.7612

■ 29.8326, 15.2387,
7.7486

Harmonies

Analogous

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



45.8841, 40.2642, 58.7962



47.4835, 40.2642, 45.3135



46.4604, 40.2642, 33.7388

Triad

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



47.4835, 40.2642, 45.3135



34.5575, 40.2642, 25.3448



33.7411, 40.2642, 67.7042

Complementary

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



47.4835, 40.2642, 45.3135



47.6138, 60.2423, 60.7511

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.



31.1034, 40.2642, 55.7814



47.4835, 40.2642, 45.3135



31.5484, 40.2642, 31.6644

Square

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



47.4835, 40.2642, 45.3135



38.7807, 40.2642, 23.6121



30.3326, 40.2642, 42.4005



37.7636, 40.2642, 73.2078

Rectangle

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



47.4835, 40.2642, 45.3135



44.4690, 40.2642, 28.3094



30.3326, 40.2642, 42.4005



32.6755, 40.2642, 64.2135

Sweetspot

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



47.4846, 40.2661, 45.3143



85.8116, 85.2818, 94.2337



46.0665, 38.9708, 70.7402



18.0685, 17.7803, 19.6882



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.



47.4846, 40.2661, 45.3143



64.1403, 51.4325, 57.7431



47.1605, 42.7733, 35.4785



13.2369, 13.1239, 14.5090



18.1034, 9.2424, 4.9243



1.2123, 0.6146, 0.5269

Inverse Universe

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



47.4846, 40.2661, 45.3143



64.1403, 51.4325, 57.7431



47.8481, 56.4332, 74.0169



13.2369, 13.1239, 14.5090



18.1034, 9.2424, 4.9243



1.2123, 0.6146, 0.5269

Previews

White Background



This preview shows how the XYZ color 47.4835, 40.2642, 45.3135 looks on a white background.

Color Contrast Check

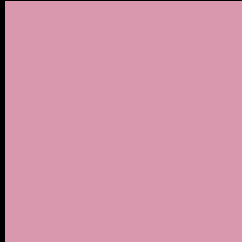
Large Text (above 18pt) WCAG AA × Fail

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 47.4835, 40.2642, 45.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

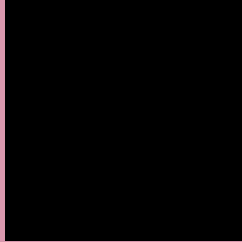
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4835, 40.2642, 45.3135

Background



This preview shows how black text looks on a background with the XYZ color 47.4835, 40.2642, 45.3135.



This preview shows how white text looks on a background with the XYZ color 47.4835, 40.2642,

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

47.4835, 40.2642, 45.3135

Protanopia

39.4173, 40.3827, 51.0645

Deuteranopia

41.1512, 40.3279, 44.6449



Tritanopia

46.5017, 40.0980, 40.8861

Trichromacy



Original Color

47.4835, 40.2642, 45.3135

Protanomaly

41.8289, 40.0545, 48.7067

Deuteranomaly

43.1396, 40.0291, 44.9878

Tritanomaly

46.7780, 40.2085, 42.3413

Monochromacy



Original Color

47.4835, 40.2642, 45.3135

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.5114, 41.2756, 45.7708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4835, 40.2642, 45.3135 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(217, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 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(217, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.4835, 40.2642, 45.3135 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(217, 152, 174) }
```


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

```
.border{ border-color:rgb(217, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4835, 40.2642, 45.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 174) }
```

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

```
.background{ background-color: rgb(217,  
152, 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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