

Converting Colors

XYZ(48.8031, 41.0170, 42.2723)

Have a look what the booklet for
XYZ(48.8031, 41.0170, 42.2723)
contains.

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Color

**XYZ(48.7275, 40.9716,
42.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	DF98A8
RGB	223, 152, 168
RGB Percent	87%, 60%, 66%
CMY	0.1255, 0.4039, 0.3412
CMYK	0.00, 0.32, 0.25, 0.13
HSL	346°, 53%, 74%
HSV	346°, 32%, 87%
XYZ	48.7275, 40.9716, 42.3859
YIQ	175.0530, 37.1800, 20.0280

Conversions

Conversions Part 2

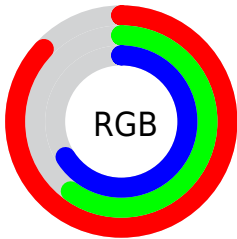
Format	Color
RYB	223, 152, 168
Decimal	14653608
CIELab	70.16, 28.81, 2.51
CIELCh	70, 28.921, 4.983
Yxy	40.9716, 0.3689, 0.3102
Android (android.graphics.Color)	4292843688 (0xFFDF98A8)
YUV	175.0530, -3.4771, 42.0495
Hunter-Lab	64.0091, 23.8689, 5.5453

Details

The XYZ color **48.7275, 40.9716, 42.3859** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6008, 63.9566, 68.7125**, and the grayscale version is **40.7799, 42.9036, 46.7221**.

A 20% lighter version of the original color is **76.8721, 71.2134, 79.5060**, and **23.4354, 18.4823, 18.8553** is the 20% darker color. If you saturate the color by 10%, you get **43.9387, 33.8005, 33.3697**, and if you desaturate by 10%, it is **54.4129, 49.5929, 52.7568**.

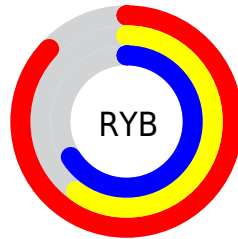
Distribution



Red (87%)

Green (60%)

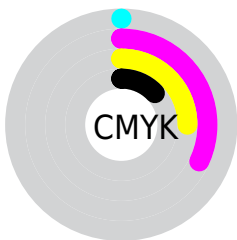
Blue (66%)



Red (87%)

Yellow (60%)

Blue (66%)

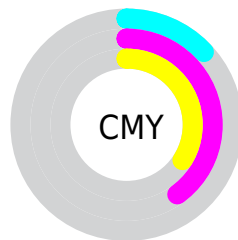


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7275, 40.9716, 42.3859 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 48.7275, 40.9716, 42.3859 by changing the saturation by 10% instead.


 48.7275, 40.9716,
42.3859


 48.7275, 40.9716,
42.3859


372.2033,
350.2019, 371.9269

 34.6170, 28.2969,
29.0758

 87.4898, 76.6408,
80.0597

 23.5331, 18.5496,
18.8921


 112.8722,
100.4040, 105.2605

 15.1105, 11.3453,
11.4163


142.7427,
128.6323, 135.2619

 8.9838, 6.2996,
6.2299

177.4667,
161.7099, 170.4824

 4.7876, 3.0281,
2.9143

217.4093,
200.0213, 211.3406

 2.1567, 1.1464,
1.0511

262.9361,

 0.7198, 0.0173,

243.9508, 258.2551

0.0000

314.4123,
293.8829, 311.6443

■ 0.0000, 0.0000,
0.0000

■ 48.7275, 40.9716,
42.3859

■ 48.7275, 40.9716,
42.3859

■ 43.9387, 33.8005,
33.3697

■ 54.4129, 49.5929,
52.7568

■ 39.9964, 27.9941,
25.6489

■ 61.0346, 59.7322,
64.5333

■ 36.8508, 23.4667,
19.1634

■ 68.6340, 71.4601,
77.7667

■ 34.4455, 20.1204,
13.8470

■ 77.2490, 84.8410,
92.5049

■ 32.7161, 17.8434,
9.6273

■ 84.1418, 94.3881,
107.8690

■ 31.5865, 16.5014,
6.4227

■ 84.2415, 94.4280,
108.3942

■ 31.0125, 15.9204,
4.4836

Harmonies

Analogous

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



47.7824, 40.9716, 56.5623



48.7275, 40.9716, 42.3859



46.8824, 40.9716, 31.2775

Triad

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



48.7275, 40.9716, 42.3859



33.9554, 40.9716, 26.4868



35.2201, 40.9716, 72.6340

Complementary

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



48.7275, 40.9716, 42.3859



50.6008, 63.9566, 68.7125

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.



31.9534, 40.9716, 61.2798



48.7275, 40.9716, 42.3859



31.2658, 40.9716, 34.4744

Square

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



48.7275, 40.9716, 42.3859



38.1573, 40.9716, 23.3623



30.5635, 40.9716, 46.9129



39.7379, 40.9716, 75.9296

Rectangle

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



48.7275, 40.9716, 42.3859



44.3998, 40.9716, 26.4930



30.5635, 40.9716, 46.9129



33.9514, 40.9716, 69.5345

Sweetspot

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



48.7286, 40.9735, 42.3867



84.4287, 83.5881, 90.4674



50.1230, 40.9702, 75.0784



17.7752, 17.4358, 18.8442



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.



48.7286, 40.9735, 42.3867



61.7152, 49.0404, 49.3567



50.6506, 47.0574, 36.1216



13.8331, 13.7509, 14.8911



18.2701, 9.3751, 2.8224



1.3002, 0.6633, 0.3736

Inverse Universe

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



48.7286, 40.9735, 42.3867



61.7152, 49.0404, 49.3567



47.8784, 55.2219, 77.9476



13.8331, 13.7509, 14.8911



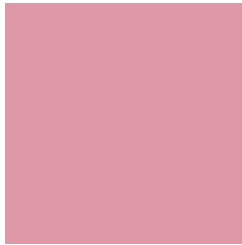
18.2701, 9.3751, 2.8224



1.3002, 0.6633, 0.3736

Previews

White Background



This preview shows how the XYZ color 48.7275, 40.9716, 42.3859 looks on a white background.

Color Contrast Check

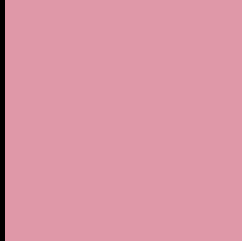
Large Text (above 18pt) WCAG AA × Fail

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 48.7275, 40.9716, 42.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

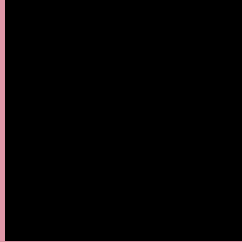
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7275, 40.9716, 42.3859

Background



This preview shows how black text looks on a background with the XYZ color 48.7275, 40.9716, 42.3859.



This preview shows how white text looks on a background with the XYZ color 48.7275, 40.9716,

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

48.7275, 40.9716, 42.3859

Protanopia

39.9332, 41.2647, 48.5080

Deuteranopia

41.9136, 41.0654, 41.3146



Tritanopia

48.5235, 41.1508, 40.5074

Trichromacy



Original Color

48.7275, 40.9716, 42.3859

Protanomaly

42.4992, 40.7224, 46.1777

Deuteranomaly

44.2564, 40.9394, 41.6459

Tritanomaly

48.6142, 41.1871, 40.9850

Monochromacy



Original Color

48.7275, 40.9716, 42.3859

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.0033, 41.8225, 44.8357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7275, 40.9716, 42.3859 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(223, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 152, 168)  
}
```

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(223, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 152, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.7275, 40.9716, 42.3859 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(223, 152, 168) }
```


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

```
.border{ border-color:rgb(223, 152, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 152, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 152, 168); box-shadow:4px 4px 4px 4px rgb(223, 152, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7275, 40.9716, 42.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 152, 168) }
```

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

```
.background{ background-color: rgb(223,  
152, 168) }
```

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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