

Converting Colors

XYZ(48.4174, 42.0694, 42.6426)

Have a look what the booklet for
XYZ(48.4174, 42.0694, 42.6426)
contains.

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Color

**XYZ(48.3383, 42.0012,
42.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9DA8
RGB	219, 157, 168
RGB Percent	86%, 62%, 66%
CMY	0.1412, 0.3843, 0.3412
CMYK	0.00, 0.28, 0.23, 0.14
HSL	349°, 46%, 74%
HSV	349°, 28%, 86%
XYZ	48.3383, 42.0012, 42.6051
YIQ	176.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

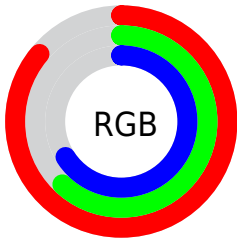
Format	Color
R _Y B	219, 157, 168
Decimal	14392744
CIE Lab	70.87, 24.66, 3.49
CIE LCh	71, 24.905, 8.067
Yxy	42.0012, 0.3636, 0.3159
Android (android.graphics.Color)	4292582824 (0xFFDB9DA8)
YUV	176.7920, -4.3345, 37.0164
Hunter-Lab	64.8083, 19.7224, 6.3885

Details

The XYZ color **48.3383, 42.0012, 42.6051** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6231, 62.3863, 69.0514**, and the grayscale version is **41.6916, 43.8628, 47.7666**.

A 20% lighter version of the original color is **78.1028, 73.6747, 79.9162**, and **23.3082, 19.1506, 18.9910** is the 20% darker color. If you saturate the color by 10%, you get **43.3961, 34.6191, 33.2428**, and if you desaturate by 10%, it is **54.1795, 50.8084, 53.4152**.

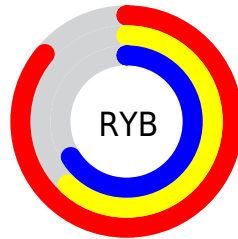
Distribution



Red (86%)

Green (62%)

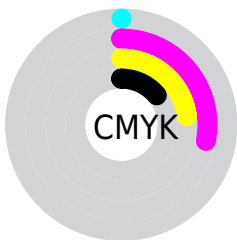
Blue (66%)



Red (86%)

Yellow (62%)

Blue (66%)

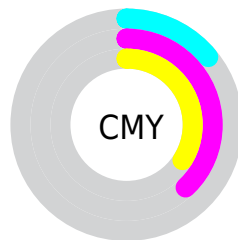


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3383, 42.0012, 42.6051 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 48.3383, 42.0012, 42.6051 by changing the saturation by 10% instead.


 48.3383, 42.0012,
42.6051


 48.3383, 42.0012,
42.6051


370.6918,
354.4879, 372.8586

 34.3072, 29.1022,
29.2463


 86.9145, 78.2014,
80.3946

 23.2937, 19.1582,
19.0200

 112.1904,
102.2715, 105.6623

 14.9324, 11.7846,
11.5078


141.9453,
130.8341, 135.7367

 8.8580, 6.5972,
6.2910

176.5445,
164.2735, 171.0364

 4.7050, 3.2115,
2.9512

216.3534,
202.9742, 211.9799

 2.1082, 1.2431,
1.0698

261.7373,

 0.6937, 0.0965,

247.3206, 258.9858

0.0000

313.0617,
297.6970, 312.4725

■ 0.0000, 0.0000,
0.0000

■ 48.3383, 42.0012,
42.6051

■ 48.3383, 42.0012,
42.6051

■ 43.3961, 34.6191,
33.2428

■ 54.1795, 50.8084,
53.4152

■ 39.3044, 28.5814,
25.2640

■ 60.9579, 61.1041,
65.7287

■ 36.0154, 23.8085,
18.6030

■ 68.7140, 72.9549,
79.6014

■ 33.4752, 20.2098,
13.1879

■ 77.4846, 86.4218,
95.0854

■ 31.6227, 17.6828,
8.9395

■ 83.0236, 93.8001,
108.3372

■ 30.3874, 16.1068,
5.7693

■ 29.6697, 15.3070,
3.5710

■ 29.5772, 15.2056,
3.2819

Harmonies

Analogous

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



47.7751, 42.0012, 54.7935



48.3383, 42.0012, 42.6051



46.5262, 42.0012, 33.0592

Triad

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



48.3383, 42.0012, 42.6051



35.2082, 42.0012, 30.0205



37.0189, 42.0012, 70.3253

Complementary

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



48.3383, 42.0012, 42.6051



50.6231, 62.3863, 69.0514

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.



33.9724, 42.0012, 61.2892



48.3383, 42.0012, 42.6051



32.9784, 42.0012, 37.7293

Square

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



48.3383, 42.0012, 42.6051



38.8135, 42.0012, 26.6598



32.5422, 42.0012, 49.0086



41.0491, 42.0012, 72.2415

Rectangle

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



48.3383, 42.0012, 42.6051



44.2840, 42.0012, 28.9754



32.5422, 42.0012, 49.0086



35.8542, 42.0012, 67.9528

Sweetspot

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



48.3395, 42.0032, 42.6060



86.2986, 86.6337, 93.2306



50.7540, 42.5873, 72.5633



18.1409, 18.0397, 19.3590



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.



48.3395, 42.0032, 42.6060



63.9160, 52.8233, 51.9974



50.9504, 48.7958, 38.6339



13.1499, 13.0890, 14.0504



17.5663, 9.0275, 2.0961



1.1668, 0.5964, 0.2874

Inverse Universe

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



48.3395, 42.0032, 42.6060



63.9160, 52.8233, 51.9974



47.2003, 53.2999, 74.8184



13.1499, 13.0890, 14.0504



17.5663, 9.0275, 2.0961



1.1668, 0.5964, 0.2874

Previews

White Background



This preview shows how the XYZ color 48.3383, 42.0012, 42.6051 looks on a white background.

Color Contrast Check

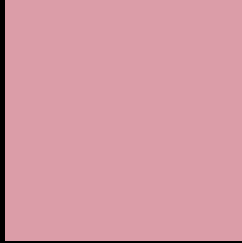
Large Text (above 18pt) WCAG AA × Fail

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 48.3383, 42.0012, 42.6051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

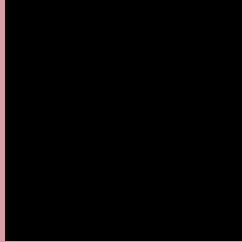
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3383, 42.0012, 42.6051

Background



This preview shows how black text looks on a background with the XYZ color 48.3383, 42.0012, 42.6051.



This preview shows how white text looks on a background with the XYZ color 48.3383, 42.0012,

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

48.3383, 42.0012, 42.6051

Protanopia

40.7839, 42.2916, 47.6085

Deuteranopia

42.8779, 42.0959, 41.9418



Tritanopia

48.4318, 42.0386, 43.0977

Trichromacy



Original Color

48.3383, 42.0012, 42.6051

Protanomaly

43.1969, 41.8999, 45.8552

Deuteranomaly

44.6076, 41.8975, 42.2952

Tritanomaly

48.4318, 42.0386, 43.0977

Monochromacy



Original Color

48.3383, 42.0012, 42.6051

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.7529, 43.0119, 46.0405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3383, 42.0012, 42.6051 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(219, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(219, 157, 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(219, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 157, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.3383, 42.0012, 42.6051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

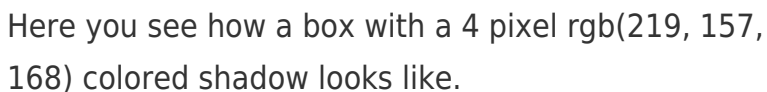
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 157, 168) }
```


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

```
.border{ border-color:rgb(219, 157, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 157, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 157, 168); box-shadow:4px 4px 4px 4px rgb(219, 157, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3383, 42.0012, 42.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 157, 168) }
```

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

```
.background{ background-color: rgb(219,  
157, 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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