

Converting Colors

XYZ(47.9025, 40.4593, 42.1458)

Have a look what the booklet for
XYZ(47.9025, 40.4593, 42.1458)
contains.

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Color

**XYZ(48.1149, 40.6558,
42.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	DD98A8
RGB	221, 152, 168
RGB Percent	87%, 60%, 66%
CMY	0.1333, 0.4039, 0.3412
CMYK	0.00, 0.31, 0.24, 0.13
HSL	346°, 50%, 73%
HSV	346°, 31%, 87%
XYZ	48.1149, 40.6558, 42.3572
YIQ	174.4550, 35.9880, 19.6040

Conversions

Conversions Part 2

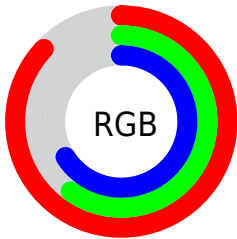
Format	Color
RYB	221, 152, 168
Decimal	14522536
CIELab	69.93, 28.08, 2.16
CIElCh	70, 28.167, 4.403
Yxy	40.6558, 0.3669, 0.3100
Android (android.graphics.Color)	4292712616 (0xFFDD98A8)
YUV	174.4550, -3.1823, 40.8200
Hunter-Lab	63.7619, 23.1132, 5.2468

Details

The XYZ color **48.1149, 40.6558, 42.3572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8265, 62.7970, 67.2557**, and the grayscale version is **40.4701, 42.5776, 46.3671**.

A 20% lighter version of the original color is **76.8721, 71.2134, 79.5060**, and **23.2266, 18.3746, 18.8455** is the 20% darker color. If you saturate the color by 10%, you get **43.3769, 33.5475, 33.4777**, and if you desaturate by 10%, it is **53.7300, 49.1870, 52.5487**.

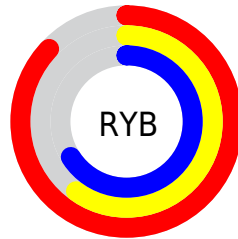
Distribution



Red (87%)

Green (60%)

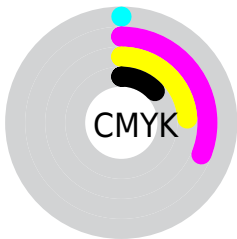
Blue (66%)



Red (87%)

Yellow (60%)

Blue (66%)

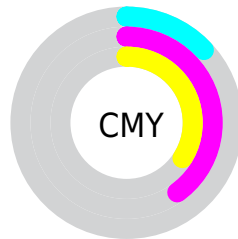


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1149, 40.6558, 42.3572 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 48.1149, 40.6558, 42.3572 by changing the saturation by 10% instead.


 48.1149, 40.6558,
42.3572

 48.1149, 40.6558,
42.3572


369.8224,
348.8800, 371.8048

 34.1295, 28.0502,
29.0534


 86.5841, 76.1611,
80.0159

 23.1565, 18.3635,
18.8753

 111.7987, 99.8296,
105.2078

 14.8304, 11.2113,
11.4043


141.4870,
127.9546, 135.1996

 8.7860, 6.2091,
6.2219

176.0144,
160.9204, 170.4098

 4.6578, 2.9727,
2.9095

215.7463,
199.1115, 211.2568

 2.0806, 1.1175,
1.0486

261.0480,

 0.6786, 0.0000,

242.9122, 258.1593

0.0000

312.2849,
292.7069, 311.5358

■ 0.0000, 0.0000,
0.0000

■ 48.1149, 40.6558,
42.3572

■ 48.1149, 40.6558,
42.3572

■ 43.3769, 33.5475,
33.4777

■ 53.7300, 49.1870,
52.5487

■ 39.4674, 27.7789,
25.8535

■ 60.2605, 59.2070,
64.1006

■ 36.3383, 23.2669,
19.4274

■ 67.7467, 70.7846,
77.0620

■ 33.9350, 19.9166,
14.1365

■ 76.2254, 83.9823,
91.4787

■ 32.1953, 17.6196,
9.9117

■ 83.2899, 93.9766,
106.5806

■ 31.0463, 16.2468,
6.6759

■ 83.6289, 94.1122,
108.3655

■ 30.4216, 15.6133,
4.5695

Harmonies

Analogous

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



47.1502, 40.6558, 56.0954



48.1149, 40.6558, 42.3572



46.3816, 40.6558, 31.4798

Triad

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



48.1149, 40.6558, 42.3572



33.8722, 40.6558, 26.5330



34.9572, 40.6558, 71.1633

Complementary

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



48.1149, 40.6558, 42.3572



49.8265, 62.7970, 67.2557

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.



31.8154, 40.6558, 60.1192



48.1149, 40.6558, 42.3572



31.2246, 40.6558, 34.2309

Square

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



48.1149, 40.6558, 42.3572



37.9693, 40.6558, 23.5647



30.5022, 40.6558, 46.2339



39.3228, 40.6558, 74.5127

Rectangle

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



48.1149, 40.6558, 42.3572



44.0040, 40.6558, 26.7481



30.5022, 40.6558, 46.2339



33.7345, 40.6558, 68.1334

Sweetspot

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



48.1160, 40.6577, 42.3580



85.4510, 85.1375, 92.3344



49.4300, 40.6439, 73.6467



17.9801, 17.7450, 19.2229



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.



48.1160, 40.6577, 42.3580



62.4215, 50.0267, 50.9063



49.9375, 46.5406, 36.0595



13.1791, 13.1007, 14.2044



17.7086, 9.0845, 2.8455



1.1806, 0.6019, 0.3598

Inverse Universe

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



48.1160, 40.6577, 42.3580



62.4215, 50.0267, 50.9063



47.2631, 54.4204, 76.4200



13.1791, 13.1007, 14.2044



17.7086, 9.0845, 2.8455



1.1806, 0.6019, 0.3598

Previews

White Background



This preview shows how the XYZ color 48.1149, 40.6558, 42.3572 looks on a white background.

Color Contrast Check

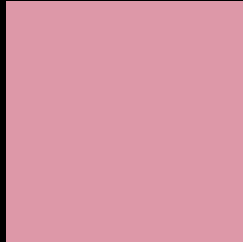
Large Text (above 18pt) WCAG AA × Fail

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 48.1149, 40.6558, 42.3572 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 48.1149, 40.6558, 42.3572

Background



This preview shows how black text looks on a background with the XYZ color 48.1149, 40.6558, 42.3572.



This preview shows how white text looks on a background with the XYZ color 48.1149, 40.6558,

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

48.1149, 40.6558, 42.3572

Protanopia

39.5247, 40.7748, 48.4350

Deuteranopia

41.7544, 40.9728, 41.7842



Tritanopia

47.9109, 40.8350, 40.4787

Trichromacy



Original Color

48.1149, 40.6558, 42.3572

Protanomaly

42.0703, 40.2367, 46.1066

Deuteranomaly

43.8073, 40.6973, 42.1057

Tritanomaly

48.0016, 40.8712, 40.9563

Monochromacy



Original Color

48.1149, 40.6558, 42.3572

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.5685, 41.3274, 44.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1149, 40.6558, 42.3572 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(221, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 152, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.1149, 40.6558, 42.3572 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(221, 152, 168) }
```


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

```
.border{ border-color:rgb(221, 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(221, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 152, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 152, 168); box-shadow:4px 4px 4px 4px rgb(221, 152, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1149, 40.6558, 42.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 152, 168) }
```

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

```
.background{ background-color: rgb(221,  
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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