

Converting Colors

XYZ(48.0520, 40.4231, 48.8796)

Have a look what the booklet for
XYZ(48.0520, 40.4231, 48.8796)
contains.

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Color

**XYZ(48.1840, 40.5444,
49.0023)**

Conversions

Conversions Part 1

Format	Color
Hex	D998B5
RGB	217, 152, 181
RGB Percent	85%, 60%, 71%
CMY	0.1490, 0.4039, 0.2902
CMYK	0.00, 0.30, 0.17, 0.15
HSL	333°, 46%, 72%
HSV	333°, 30%, 85%
XYZ	48.1840, 40.5444, 49.0023
YIQ	174.7410, 29.4310, 22.7990

Conversions

Conversions Part 2

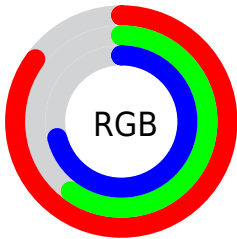
Format	Color
R _Y B	217, 152, 181
Decimal	14260405
CIE Lab	69.86, 28.61, -5.24
CIE LCh	70, 29.089, 349.622
Yxy	40.5444, 0.3498, 0.2944
Android (android.graphics.Color)	4292450485 (0xFFD998B5)
YUV	174.7410, 3.0857, 37.0611
Hunter-Lab	63.6745, 23.6449, -1.0560

Details

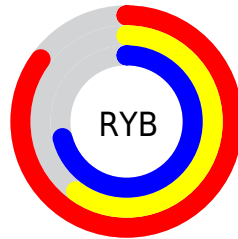
The XYZ color **48.1840, 40.5444, 49.0023** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.8406, 59.9330, 56.6793**, and the grayscale version is **40.5886, 42.7024, 46.5029**.

A 20% lighter version of the original color is **78.8389, 72.0001, 89.8629**, and **23.1514, 18.2499, 22.7244** is the 20% darker color. If you saturate the color by 10%, you get **43.7985, 33.6623, 41.7161**, and if you desaturate by 10%, it is **53.3226, 48.7614, 57.0654**.

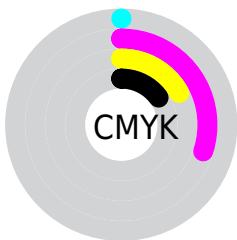
Distribution



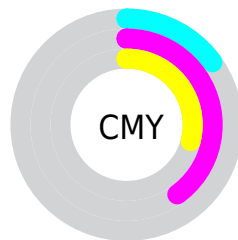
- Red (85%)
- Green (60%)
- Blue (71%)



- Red (85%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1840, 40.5444, 49.0023 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 48.1840, 40.5444, 49.0023 by changing the saturation by 10% instead.


 48.1840, 40.5444,
49.0023


 48.1840, 40.5444,
49.0023


370.0915,
348.4128, 399.3741

 34.1845, 27.9633,
34.2557


 86.6863, 75.9918,
90.0759

 23.1989, 18.2980,
22.8111


 111.9199, 99.6268,
117.2400

 14.8620, 11.1641,
14.2501


141.6288,
127.7153, 149.3803

 8.8082, 6.1773,
8.1541

176.1784,
160.6416, 186.9153

 4.6724, 2.9532,
4.1045

215.9342,
198.7901, 230.2637

 2.0891, 1.1074,
1.6829

261.2613,

 0.6833, 0.0000,

242.5452, 279.8439

0.3490

312.5253,
292.2913, 336.0745

■ 0.0000, 0.0000,
0.0000

■ 48.1840, 40.5444,
49.0023

■ 48.1840, 40.5444,
49.0023

■ 43.7985, 33.6623,
41.7161

■ 53.3226, 48.7614,
57.0654

■ 40.1247, 28.0381,
35.1785

■ 59.2458, 58.3737,
65.9273

■ 37.1224, 23.5954,
29.3629

■ 65.9876, 69.4448,
75.6120

■ 34.7459, 20.2474,
24.2395

■ 73.5789, 82.0326,
86.1418

■ 32.9432, 17.8947,
19.7762

■ 80.2672, 92.6285,
96.9439

■ 31.6528, 16.4199,
15.9367

■ 82.1237, 93.3711,
106.7200

■ 30.7680, 15.6147,
12.6688

■ 82.4255, 93.4918,
108.3092

■ 30.7642, 15.6113,
12.6542

Harmonies

Analogous

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



45.8818, 40.5444, 63.2438



48.1840, 40.5444, 49.0023



47.7454, 40.5444, 35.9703

Triad

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



48.1840, 40.5444, 49.0023



35.5644, 40.5444, 23.8891



32.9438, 40.5444, 67.0882

Complementary

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



48.1840, 40.5444, 49.0023



46.8406, 59.9330, 56.6793

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.



30.5946, 40.5444, 53.4752



48.1840, 40.5444, 49.0023



32.0198, 40.5444, 29.3410

Square

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



48.1840, 40.5444, 49.0023



40.1966, 40.5444, 23.1755



30.2708, 40.5444, 39.6216



36.9223, 40.5444, 75.0133

Rectangle

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



48.1840, 40.5444, 49.0023



45.9684, 40.5444, 29.5419



30.2708, 40.5444, 39.6216



31.9517, 40.5444, 62.9099

Sweetspot

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



48.1852, 40.5463, 49.0031



86.1811, 85.4295, 96.1790



44.4318, 38.1280, 70.6637



18.1592, 17.8166, 20.1659



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.



48.1852, 40.5463, 49.0031



65.2903, 51.8925, 63.7985



46.0473, 40.5467, 35.1074



13.2962, 13.1476, 14.8212



18.6744, 9.4708, 7.9312



1.2528, 0.6307, 0.7400

Inverse Universe

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



48.1852, 40.5463, 49.0031



65.2903, 51.8925, 63.7985



49.4579, 59.6529, 74.5536



13.2962, 13.1476, 14.8212



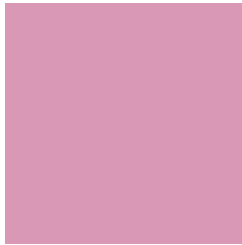
18.6744, 9.4708, 7.9312



1.2528, 0.6307, 0.7400

Previews

White Background



This preview shows how the XYZ color 48.1840, 40.5444, 49.0023 looks on a white background.

Color Contrast Check

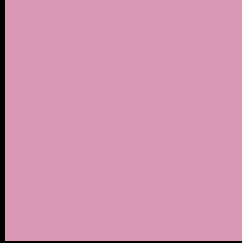
Large Text (above 18pt) WCAG AA × Fail

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 48.1840, 40.5444, 49.0023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

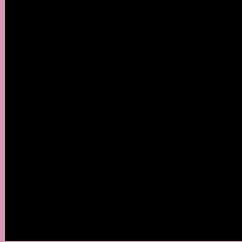
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1840, 40.5444, 49.0023

Background



This preview shows how black text looks on a background with the XYZ color 48.1840, 40.5444, 49.0023.



This preview shows how white text looks on a background with the XYZ color 48.1840, 40.5444,

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

48.1840, 40.5444, 49.0023

Protanopia

40.0376, 40.8801, 55.6496

Deuteranopia

41.4393, 40.6771, 47.7869



Tritanopia

46.6286, 40.6429, 41.4637

Trichromacy



Original Color

48.1840, 40.5444, 49.0023

Protanomaly

42.4240, 40.2643, 53.1128

Deuteranomaly

43.6465, 40.4802, 48.1609

Tritanomaly

47.2252, 40.6504, 43.8854

Monochromacy



Original Color

48.1840, 40.5444, 49.0023

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.9897, 41.7589, 47.3894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1840, 40.5444, 49.0023 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.1840, 40.5444, 49.0023 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, 181) }
```


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

```
.border{ border-color:rgb(217, 152, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1840, 40.5444, 49.0023 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, 181) }
```

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

```
.background{ background-color: rgb(217,  
152, 181) }
```

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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