

Converting Colors

XYZ(52.3480, 47.1199, 48.4555)

Have a look what the booklet for
XYZ(52.3480, 47.1199, 48.4555)
contains.

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Color

**XYZ(52.3480, 47.1199,
48.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA9B2
RGB	222, 169, 178
RGB Percent	87%, 66%, 70%
CMY	0.1294, 0.3372, 0.3020
CMYK	0.00, 0.24, 0.20, 0.13
HSL	350°, 45%, 77%
HSV	350°, 24%, 87%
XYZ	52.3480, 47.1199, 48.4555
YIQ	185.8730, 28.6990, 14.0350

Conversions

Conversions Part 2

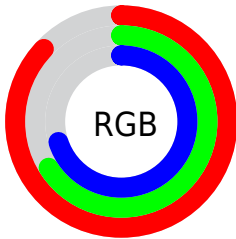
Format	Color
R _Y B	222, 169, 178
Decimal	14592434
CIE Lab	74.27, 20.77, 2.94
CIE LCh	74, 20.976, 8.048
Yxy	47.1199, 0.3539, 0.3185
Android (android.graphics.Color)	4292782514 (0xFFDEA9B2)
YUV	185.8730, -3.8814, 31.6834
Hunter-Lab	68.6439, 15.9976, 6.1982

Details

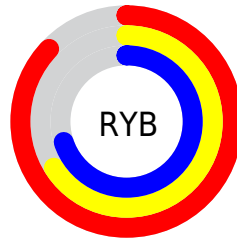
The XYZ color **52.3480, 47.1199, 48.4555** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4956, 65.4827, 72.7211**, and the grayscale version is **46.6119, 49.0394, 53.4039**.

A 20% lighter version of the original color is **82.7469, 80.5118, 89.0210**, and **25.7888, 22.3102, 22.3491** is the 20% darker color. If you saturate the color by 10%, you get **46.8354, 38.8597, 38.0928**, and if you desaturate by 10%, it is **58.8131, 56.8863, 60.3636**.

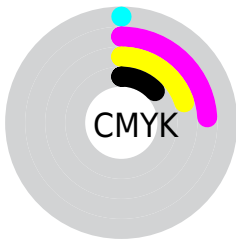
Distribution



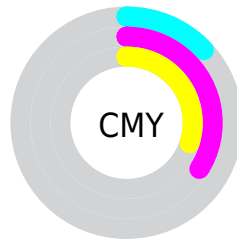
- Red (87%)
- Green (66%)
- Blue (70%)



- Red (87%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3480, 47.1199, 48.4555 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 52.3480, 47.1199, 48.4555 by changing the saturation by 10% instead.


 52.3480, 47.1199,
48.4555


 52.3480, 47.1199,
48.4555


386.0805,
375.2929, 397.1555

 37.5079, 33.1305,
33.8252


 92.8155, 85.8926,
89.2548

 25.7765, 22.2264,
22.4831


 119.1735,
111.4446, 116.2609

 16.7883, 14.0233,
14.0106


150.1017,
141.6196, 148.2293

 10.1780, 8.1369,
7.9892


185.9652,
176.8019, 185.5786

 5.5803, 4.1827,
4.0004

227.1295,
217.3760, 228.7274

 2.6298, 1.7763,
1.6255

273.9599,

 0.9612, 0.4723,

263.7263, 278.0940

0.3089

326.8218,
316.2371, 334.0972

■ 0.0000, 0.0000,
0.0000

■ 52.3480, 47.1199,
48.4555

■ 52.3480, 47.1199,
48.4555

■ 46.8354, 38.8597,
38.0928

■ 58.8131, 56.8863,
60.3636

■ 42.2261, 32.0244,
29.2089

■ 66.2691, 68.2218,
73.8741

■ 38.4724, 26.5350,
21.7366

■ 74.7567, 81.1939,
89.0447

■ 35.5207, 22.3022,
15.6025

■ 83.4119, 94.0607,
105.6288

■ 33.3110, 19.2257,
10.7262

■ 83.9343, 94.2696,
108.3798

■ 31.7748, 17.1899,
7.0183

■ 30.8300, 16.0548,
4.3774

■ 30.4691, 15.6676,
3.2253

Harmonies

Analogous

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



51.8461, 47.1199, 59.4579



52.3480, 47.1199, 48.4555



50.7359, 47.1199, 39.5525

Triad

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



52.3480, 47.1199, 48.4555



40.4683, 47.1199, 36.6415



42.1324, 47.1199, 73.0523

Complementary

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



52.3480, 47.1199, 48.4555



54.4956, 65.4827, 72.7211

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.



39.3205, 47.1199, 65.1829



52.3480, 47.1199, 48.4555



38.3979, 47.1199, 43.9347

Square

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



52.3480, 47.1199, 48.4555



43.7795, 47.1199, 33.3840



37.9898, 47.1199, 54.2652



45.8079, 47.1199, 74.7096

Rectangle

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



52.3480, 47.1199, 48.4555



48.7298, 47.1199, 35.6397



37.9898, 47.1199, 54.2652



41.0610, 47.1199, 70.9975

Sweetspot

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



52.3493, 47.1221, 48.4565



87.3226, 88.2172, 95.0035



54.6074, 47.6913, 75.4347



18.5550, 18.6758, 20.0895



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.



52.3493, 47.1221, 48.4565



67.4671, 58.2053, 58.4841



54.8004, 53.4227, 44.9622



13.8017, 13.7383, 14.7259



18.1258, 9.3173, 2.0625



1.2853, 0.6574, 0.2953

Inverse Universe

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



52.3493, 47.1221, 48.4565



67.4671, 58.2053, 58.4841



51.4319, 57.4769, 77.4909



13.8017, 13.7383, 14.7259



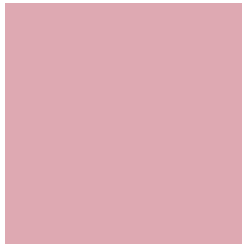
18.1258, 9.3173, 2.0625



1.2853, 0.6574, 0.2953

Previews

White Background



This preview shows how the XYZ color 52.3480, 47.1199, 48.4555 looks on a white background.

Color Contrast Check

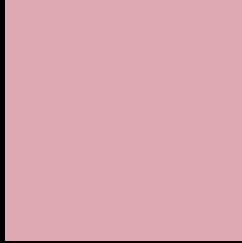
Large Text (above 18pt) WCAG AA × Fail

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 52.3480, 47.1199, 48.4555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

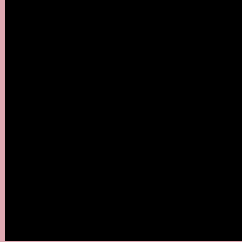
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3480, 47.1199, 48.4555

Background



This preview shows how black text looks on a background with the XYZ color 52.3480, 47.1199, 48.4555.



This preview shows how white text looks on a background with the XYZ color 52.3480, 47.1199,

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

52.3480, 47.1199, 48.4555

Protanopia

45.4925, 47.2730, 52.6258

Deuteranopia

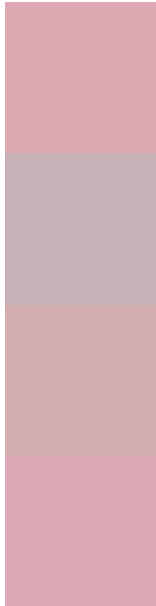
48.2866, 47.3151, 48.1827



Tritanopia

52.4673, 46.8711, 49.9978

Trichromacy



Original Color

52.3480, 47.1199, 48.4555

Protanomaly

47.4543, 46.8274, 50.7935

Deuteranomaly

49.6502, 47.1481, 48.0786

Tritanomaly

52.3651, 46.8301, 49.4592

Monochromacy



Original Color

52.3480, 47.1199, 48.4555

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.4217, 48.2035, 51.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3480, 47.1199, 48.4555 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(222, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 178)  
}
```

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(222, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.3480, 47.1199, 48.4555 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(222, 169, 178) }
```


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

```
.border{ border-color:rgb(222, 169, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 169, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 169, 178); box-shadow:4px 4px 4px 4px rgb(222, 169, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3480, 47.1199, 48.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 178) }
```

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

```
.background{ background-color: rgb(222,  
169, 178) }
```

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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