

Converting Colors

XYZ(47.7984, 40.5426, 39.4838)

Have a look what the booklet for
XYZ(47.7984, 40.5426, 39.4838)
contains.

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Color

**XYZ(47.8740, 40.5947,
39.4947)**

Conversions

Conversions Part 1

Format	Color
Hex	DE98A2
RGB	222, 152, 162
RGB Percent	87%, 60%, 64%
CMY	0.1294, 0.4039, 0.3647
CMYK	0.00, 0.32, 0.27, 0.13
HSL	351°, 51%, 73%
HSV	351°, 32%, 87%
XYZ	47.8740, 40.5947, 39.4947
YIQ	174.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

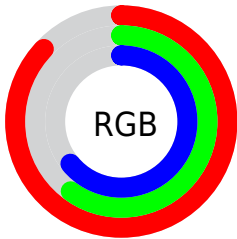
Format	Color
R _Y B	222, 152, 162
Decimal	14588066
CIE Lab	69.89, 27.60, 5.45
CIE LCh	70, 28.137, 11.177
Yxy	40.5947, 0.3741, 0.3172
Android (android.graphics.Color)	4292778146 (0xFFDE98A2)
YUV	174.0700, -5.9505, 42.0346
Hunter-Lab	63.7140, 22.6236, 7.8474

Details

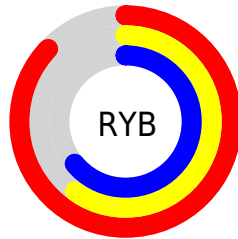
The XYZ color **47.8740, 40.5947, 39.4947** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9556, 63.6723, 71.8950**, and the grayscale version is **40.2848, 42.3827, 46.1548**.

A 20% lighter version of the original color is **76.0772, 70.8954, 75.3201**, and **22.8887, 18.2395, 17.0661** is the 20% darker color. If you saturate the color by 10%, you get **43.0368, 33.4255, 30.1586**, and if you desaturate by 10%, it is **53.6438, 49.2187, 50.4055**.

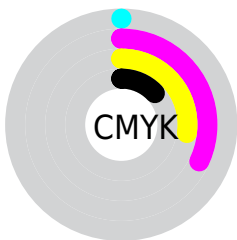
Distribution



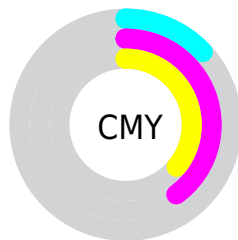
- Red (87%)
- Green (60%)
- Blue (64%)



- Red (87%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8740, 40.5947, 39.4947 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 47.8740, 40.5947, 39.4947 by changing the saturation by 10% instead.


 47.8740, 40.5947,
39.4947


 47.8740, 40.5947,
39.4947


368.8834,
348.6238, 359.4777

 33.9380, 28.0025,
26.8340


 86.2276, 76.0683,
75.6221

 23.0086, 18.3276,
17.2173


 111.3759, 99.7184,
99.9259

 14.7206, 11.1854,
10.2259


140.9923,
127.8234, 128.9478

 8.7086, 6.1917,
5.4414

175.4421,
160.7675, 163.1063

 4.6072, 2.9620,
2.4453

215.0908,
198.9352, 202.8200

 2.0510, 1.1119,
0.8110

260.3037,

 0.6624, 0.0000,

242.7109, 248.5075

0.0000

311.4461,
292.4790, 300.5872

■ 0.0000, 0.0000,
0.0000

■ 47.8740, 40.5947,
39.4947

■ 47.8740, 40.5947,
39.4947

■ 43.0368, 33.4255,
30.1586

■ 53.6438, 49.2187,
50.4055

■ 39.0797, 27.6255,
22.3219

■ 60.3883, 59.3657,
62.9567

■ 35.9501, 23.1088,
15.9064

■ 68.1512, 71.1064,
77.2133

■ 33.5881, 19.7774,
10.8263

■ 76.9724, 84.5054,
93.2359

■ 31.9261, 17.5194,
6.9858

■ 83.9343, 94.2696,
108.3798

■ 30.8837, 16.2008,
4.2764

■ 30.3810, 15.6323,
2.7614

Harmonies

Analogous

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



47.5242, 40.5947, 52.8384



47.8740, 40.5947, 39.4947



45.5916, 40.5947, 29.6014

Triad

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



47.8740, 40.5947, 39.4947



33.0770, 40.5947, 27.8198



35.8146, 40.5947, 72.5940

Complementary

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



47.8740, 40.5947, 39.4947



50.9556, 63.6723, 71.8950

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.



32.3340, 40.5947, 62.9502



47.8740, 40.5947, 39.4947



30.8419, 40.5947, 36.5598

Square

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



47.8740, 40.5947, 39.4947



36.9038, 40.5947, 23.8047



30.5811, 40.5947, 49.2665



40.3145, 40.5947, 73.8113

Rectangle

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



47.8740, 40.5947, 39.4947



42.9826, 40.5947, 25.5978



30.5811, 40.5947, 49.2665



34.4963, 40.5947, 70.1526

Sweetspot

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



47.8751, 40.5966, 39.4955



85.1534, 85.0185, 90.7675



51.4218, 41.6553, 74.4375



17.9074, 17.7159, 18.8399



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.



47.8751, 40.5966, 39.4955



60.9243, 48.7240, 45.1918



51.4165, 49.0454, 36.4650



13.7866, 13.7323, 14.6463



18.0700, 9.2950, 1.7686



1.2782, 0.6545, 0.2576

Inverse Universe

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



47.8751, 40.5966, 39.4955



60.9243, 48.7240, 45.1918



46.2153, 52.1108, 76.7300



13.7866, 13.7323, 14.6463



18.0700, 9.2950, 1.7686



1.2782, 0.6545, 0.2576

Previews

White Background



This preview shows how the XYZ color 47.8740, 40.5947, 39.4947 looks on a white background.

Color Contrast Check

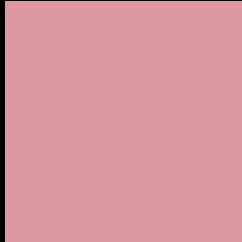
Large Text (above 18pt) WCAG AA × Fail

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 47.8740, 40.5947, 39.4947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

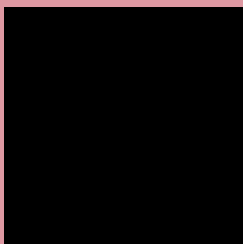
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8740, 40.5947, 39.4947

Background



This preview shows how black text looks on a background with the XYZ color 47.8740, 40.5947, 39.4947.



This preview shows how white text looks on a background with the XYZ color 47.8740, 40.5947,

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

47.8740, 40.5947, 39.4947

Protanopia

39.2767, 40.7267, 44.8207

Deuteranopia

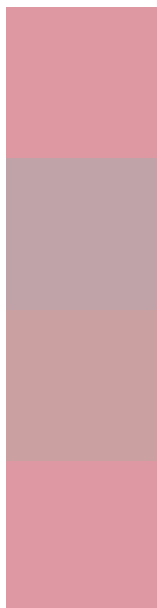
41.5385, 40.6548, 38.9156



Tritanopia

47.9633, 40.6304, 39.9648

Trichromacy



Original Color

47.8740, 40.5947, 39.4947

Protanomaly

41.6509, 40.0979, 42.5902

Deuteranomaly

43.6324, 40.4113, 39.2187

Tritanomaly

47.9633, 40.6304, 39.9648

Monochromacy



Original Color

47.8740, 40.5947, 39.4947

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.3778, 41.2511, 43.7589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8740, 40.5947, 39.4947 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, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(222, 152, 162)  
}
```

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, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 47.8740, 40.5947, 39.4947 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, 152, 162) }
```


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

```
.border{ border-color:rgb(222, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(222, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8740, 40.5947, 39.4947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 152, 162) }
```

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

```
.background{ background-color: rgb(222,  
152, 162) }
```

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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