

Converting Colors

XYZ(47.6656, 42.0659, 37.8049)

Have a look what the booklet for
XYZ(47.6656, 42.0659, 37.8049)
contains.

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Color

**XYZ(47.6118, 41.9824,
37.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9E9E
RGB	219, 158, 158
RGB Percent	86%, 62%, 62%
CMY	0.1412, 0.3804, 0.3804
CMYK	0.00, 0.28, 0.28, 0.14
HSL	0°, 46%, 74%
HSV	0°, 28%, 86%
XYZ	47.6118, 41.9824, 37.9418
YIQ	176.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

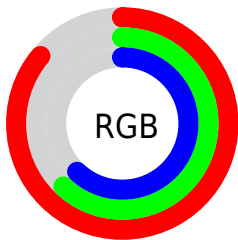
Format	Color
R _Y B	219, 158, 158
Decimal	14392990
CIE Lab	70.86, 22.70, 9.02
CIE LCh	71, 24.430, 21.660
Yxy	41.9824, 0.3733, 0.3292
Android (android.graphics.Color)	4292583070 (0xFFDB9E9E)
YUV	176.2390, -8.9918, 37.5014
Hunter-Lab	64.7938, 17.7762, 10.6368

Details

The XYZ color **47.6118, 41.9824, 37.9418** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2174, 63.0446, 76.4346**, and the grayscale version is **41.4246, 43.5819, 47.4607**.

A 20% lighter version of the original color is **77.0445, 73.6526, 73.1065**, and **22.9121, 19.1561, 16.3998** is the 20% darker color. If you saturate the color by 10%, you get **42.4838, 34.4790, 27.7463**, and if you desaturate by 10%, it is **53.7435, 50.9551, 50.1300**.

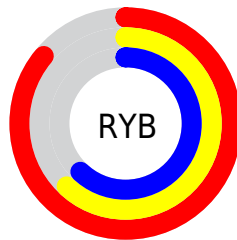
Distribution



Red (86%)

Green (62%)

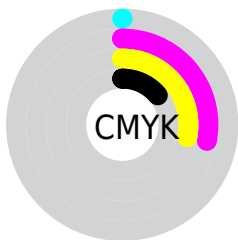
Blue (62%)



Red (86%)

Yellow (62%)

Blue (62%)

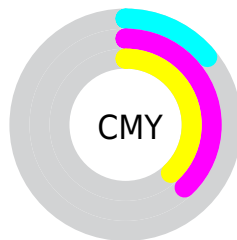


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (14%)



Cyan (14%)

Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6118, 41.9824, 37.9418 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 47.6118, 41.9824, 37.9418 by changing the saturation by 10% instead.


 47.6118, 41.9824,
37.9418


 47.6118, 41.9824,
37.9418


367.8596,
354.4100, 352.6609

 33.7295, 29.0875,
25.6360

 85.8393, 78.1730,
73.2214

 22.8478, 19.1470,
16.3282


 110.9153,
102.2375, 97.0322

 14.6012, 11.7766,
9.5999


140.4532,
130.7940, 125.5152

 8.6245, 6.5917,
5.0324

174.8185,
164.2268, 159.0889

 4.5522, 3.2081,
2.2072

214.3764,
202.9204, 198.1718

 2.0190, 1.2413,
0.6785

259.4923,

 0.6446, 0.0951,

247.2593, 243.1824

0.0000

310.5316,
297.6276, 294.5392

■ 0.0000, 0.0000,
0.0000

■ 47.6118, 41.9824,
37.9418

■ 47.6118, 41.9824,
37.9418

■ 42.4838, 34.4790,
27.7463

■ 53.7435, 50.9551,
50.1300

■ 38.3031, 28.3613,
19.4352

■ 60.9248, 61.4634,
64.4064

■ 35.0125, 23.5462,
12.8939

■ 69.2029, 73.5764,
80.8631

■ 32.5477, 19.9394,
7.9942

■ 78.6209, 87.3576,
99.5862

■ 30.8354, 17.4338,
4.5907

■ 83.0235, 93.8001,
108.3372

■ 29.7899, 15.9037,
2.5125

■ 29.2904, 15.1728,
1.5199

■ 29.2136, 15.0604,
1.3672

Harmonies

Analogous

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



48.1413, 41.9824, 49.0338



47.6118, 41.9824, 37.9418



44.9472, 41.9824, 30.3146

Triad

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



47.6118, 41.9824, 37.9418



34.0845, 41.9824, 33.1915



38.7808, 41.9824, 71.6106

Complementary

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



47.6118, 41.9824, 37.9418



52.2174, 63.0446, 76.4346

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.



35.2510, 41.9824, 65.5989



47.6118, 41.9824, 37.9418



32.6626, 41.9824, 42.5432

Square

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



47.6118, 41.9824, 37.9418



37.0888, 41.9824, 27.9135



33.0747, 41.9824, 54.4759



42.8561, 41.9824, 69.8142

Rectangle

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



47.6118, 41.9824, 37.9418



42.4116, 41.9824, 27.5956



33.0747, 41.9824, 54.4759



37.4953, 41.9824, 70.4038

Sweetspot

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



47.6129, 41.9844, 37.9426



85.7720, 86.4237, 90.4554



54.2267, 44.6287, 72.7741



18.0096, 17.9873, 18.6670



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.



47.6129, 41.9844, 37.9426



63.1121, 53.2660, 45.4081



53.4755, 53.7095, 39.8968



13.0562, 13.0517, 13.5567



17.3223, 8.9302, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



52.2174, 63.0446, 76.4346



70.5700, 87.3773, 107.7538



44.9774, 48.5645, 74.0212



13.4448, 14.8294, 16.8059



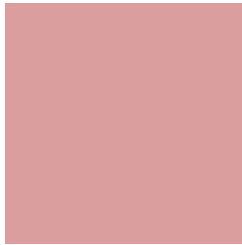
22.5996, 33.0687, 44.9302



1.4641, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 47.6118, 41.9824, 37.9418 looks on a white background.

Color Contrast Check

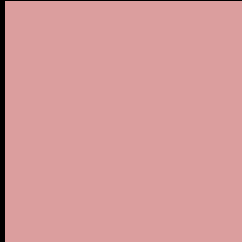
Large Text (above 18pt) WCAG AA × Fail

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 47.6118, 41.9824, 37.9418 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 47.6118, 41.9824, 37.9418

Background



This preview shows how black text looks on a background with the XYZ color 47.6118, 41.9824, 37.9418.



This preview shows how white text looks on a background with the XYZ color 47.6118, 41.9824,

37.9418.

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

47.6118, 41.9824, 37.9418

Protanopia

40.4169, 42.2240, 42.0962

Deuteranopia

42.8454, 41.9080, 37.2834



Tritanopia

48.4716, 41.8197, 42.5631

Trichromacy



Original Color

47.6118, 41.9824, 37.9418

Protanomaly

42.8616, 42.1189, 40.5210

Deuteranomaly

44.5381, 41.9644, 37.6508

Tritanomaly

48.2730, 42.0099, 40.6864

Monochromacy



Original Color

47.6118, 41.9824, 37.9418

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.0876, 42.4470, 43.4582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6118, 41.9824, 37.9418 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, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 158)  
}
```

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, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 47.6118, 41.9824, 37.9418 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, 158, 158) }
```


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

```
.border{ border-color:rgb(219, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6118, 41.9824, 37.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 158) }
```

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

```
.background{ background-color: rgb(219,  
158, 158) }
```

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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