

Converting Colors

XYZ(47.0311, 41.7346, 38.2013)

Have a look what the booklet for
XYZ(47.0311, 41.7346, 38.2013)
contains.

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Color

**XYZ(47.1001, 41.7086,
38.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	D99E9F
RGB	217, 158, 159
RGB Percent	85%, 62%, 62%
CMY	0.1490, 0.3804, 0.3765
CMYK	0.00, 0.27, 0.27, 0.15
HSL	359°, 44%, 74%
HSV	359°, 27%, 85%
XYZ	47.1001, 41.7086, 38.3690
YIQ	175.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

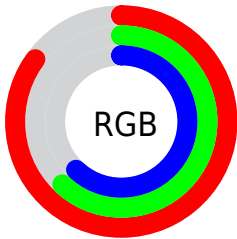
Format	Color
R _Y B	217, 158, 159
Decimal	14261919
CIE Lab	70.67, 22.09, 8.16
CIE LCh	71, 23.553, 20.282
Yxy	41.7086, 0.3703, 0.3280
Android (android.graphics.Color)	4292451999 (0xFFD99E9F)
YUV	175.7550, -8.2602, 36.1719
Hunter-Lab	64.5822, 17.1620, 9.9827

Details

The XYZ color **47.1001, 41.7086, 38.3690** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3098, 61.8536, 74.2034**, and the grayscale version is **41.1691, 43.3131, 47.1680**.

A 20% lighter version of the original color is **77.1718, 73.7035, 73.7771**, and **22.5588, 18.9678, 16.6595** is the 20% darker color. If you saturate the color by 10%, you get **42.0260, 34.2716, 28.3188**, and if you desaturate by 10%, it is **53.1496, 50.5844, 50.3216**.

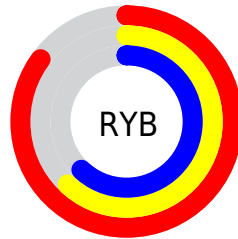
Distribution



Red (85%)

Green (62%)

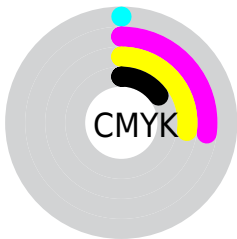
Blue (62%)



Red (85%)

Yellow (62%)

Blue (62%)

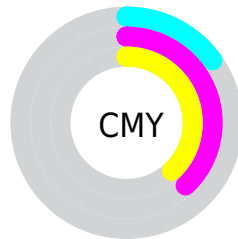


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1001, 41.7086, 38.3690 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 47.1001, 41.7086, 38.3690 by changing the saturation by 10% instead.


 47.1001, 41.7086,
38.3690


 47.1001, 41.7086,
38.3690


365.8562,
353.2735, 354.5458

 33.3231, 28.8732,
25.9652


 85.0809, 77.7584,
73.8831

 22.5345, 18.9849,
16.5720

 110.0153,
101.7416, 97.8303

 14.3689, 11.6594,
9.7711


139.3996,
130.2095, 126.4625

 8.4611, 6.5122,
5.1439

173.5991,
163.5465, 160.1981

 4.4457, 3.1589,
2.2717

212.9791,
202.1370, 199.4557

 1.9572, 1.2153,
0.7153

257.9051,

 0.6098, 0.0741,

246.3654, 244.6538

0.0000

308.7423,
296.6162, 296.2110

■ 0.0000, 0.0000,
0.0000

■ 47.1001, 41.7086,
38.3690

■ 47.1001, 41.7086,
38.3690

■ 42.0260, 34.2716,
28.3188

■ 53.1496, 50.5844,
50.3216

■ 37.8730, 28.1921,
20.0704

■ 60.2181, 60.9629,
64.2648

■ 34.5869, 23.3901,
13.5182

■ 68.3508, 72.9113,
80.2846

■ 32.1065, 19.7743,
8.5444

■ 77.5892, 86.4910,
98.4609

■ 30.3623, 17.2418,
5.0159

■ 82.4253, 93.4917,
108.3092

■ 29.2733, 15.6720,
2.7783

■ 28.7346, 14.9055,
1.6401

■ 28.6354, 14.7598,
1.4448

Harmonies

Analogous

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



47.5021, 41.7086, 49.1355



47.1001, 41.7086, 38.3690



44.6297, 41.7086, 30.8174

Triad

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



47.1001, 41.7086, 38.3690



34.1504, 41.7086, 33.0272



38.3906, 41.7086, 70.0380

Complementary

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



47.1001, 41.7086, 38.3690



51.3098, 61.8536, 74.2034

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.



35.0419, 41.7086, 64.0150



47.1001, 41.7086, 38.3690



32.7020, 41.7086, 41.8845

Square

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



47.1001, 41.7086, 38.3690



37.1000, 41.7086, 28.1022



33.0173, 41.7086, 53.2716



42.2992, 41.7086, 68.6809

Rectangle

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



47.1001, 41.7086, 38.3690



42.2267, 41.7086, 28.0497



33.0173, 41.7086, 53.2716



37.1664, 41.7086, 68.7763

Sweetspot

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



47.1012, 41.7106, 38.3698



85.8213, 86.4428, 90.7170



52.7864, 43.9175, 71.3406



18.0218, 17.9920, 18.7321



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.



47.1012, 41.7106, 38.3698



63.2470, 53.3181, 46.1239



52.2487, 52.1433, 39.6610



13.0649, 13.0551, 13.6031



17.3382, 8.9363, 0.8951



1.1265, 0.5802, 0.0749

Inverse Universe

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



47.1012, 41.7106, 38.3698



63.2470, 53.3181, 46.1239



44.9247, 48.8768, 72.7122



13.0649, 13.0551, 13.6031



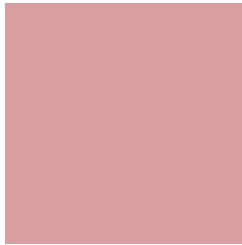
17.3382, 8.9363, 0.8951



1.1265, 0.5802, 0.0749

Previews

White Background



This preview shows how the XYZ color 47.1001, 41.7086, 38.3690 looks on a white background.

Color Contrast Check

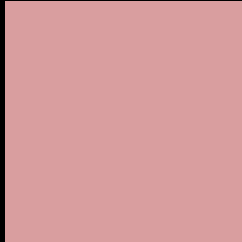
Large Text (above 18pt) WCAG AA × Fail

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 47.1001, 41.7086, 38.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

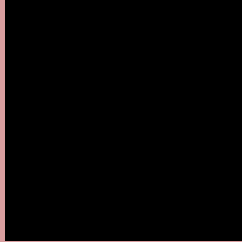
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1001, 41.7086, 38.3690

Background



This preview shows how black text looks on a background with the XYZ color 47.1001, 41.7086, 38.3690.



This preview shows how white text looks on a background with the XYZ color 47.1001, 41.7086,

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

47.1001, 41.7086, 38.3690

Protanopia

40.0877, 41.7600, 42.5069

Deuteranopia

42.6695, 41.8075, 37.7190



Tritanopia

48.1318, 41.8839, 43.0837

Trichromacy



Original Color

47.1001, 41.7086, 38.3690

Protanomaly

42.2578, 41.5242, 40.9097

Deuteranomaly

44.3489, 41.8569, 38.0895

Tritanomaly

47.7619, 41.7360, 41.1358

Monochromacy



Original Color

47.1001, 41.7086, 38.3690

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9295, 42.3546, 43.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1001, 41.7086, 38.3690 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, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 158, 159)  
}
```

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, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 158, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.1001, 41.7086, 38.3690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

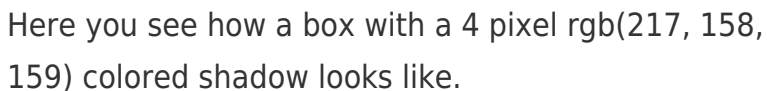
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 158, 159) }
```


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

```
.border{ border-color:rgb(217, 158, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 158, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 158, 159); box-shadow:4px 4px 4px 4px rgb(217, 158, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1001, 41.7086, 38.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 158, 159) }
```

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

```
.background{ background-color: rgb(217,  
158, 159) }
```

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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