

Converting Colors

XYZ(47.6980, 40.7147, 40.9421)

Have a look what the booklet for
XYZ(47.6980, 40.7147, 40.9421)
contains.

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Color

**XYZ(47.6980, 40.7147,
40.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	DC99A5
RGB	220, 153, 165
RGB Percent	86%, 60%, 65%
CMY	0.1373, 0.4000, 0.3529
CMYK	0.00, 0.30, 0.25, 0.14
HSL	349°, 49%, 73%
HSV	349°, 30%, 86%
XYZ	47.6980, 40.7147, 40.9421
YIQ	174.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

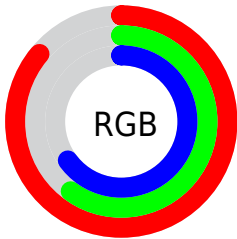
Format	Color
R _Y B	220, 153, 165
Decimal	14457253
CIE Lab	69.98, 26.75, 3.88
CIE LCh	70, 27.031, 8.249
Yxy	40.7147, 0.3687, 0.3148
Android (android.graphics.Color)	4292647333 (0xFFDC99A5)
YUV	174.4010, -4.6347, 39.9903
Hunter-Lab	63.8081, 21.7687, 6.6225

Details

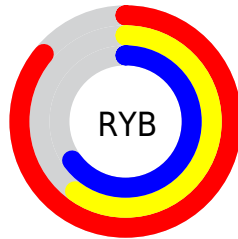
The XYZ color **47.6980, 40.7147, 40.9421** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1170, 62.5138, 69.1026**, and the grayscale version is **40.4494, 42.5559, 46.3434**.

A 20% lighter version of the original color is **76.7141, 71.5391, 77.4753**, and **22.9442, 18.3921, 17.9635** is the 20% darker color. If you saturate the color by 10%, you get **42.8942, 33.5545, 31.7951**, and if you desaturate by 10%, it is **53.4001, 49.2993, 51.5348**.

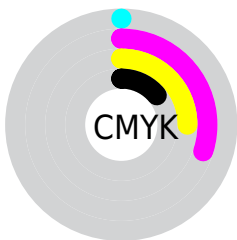
Distribution



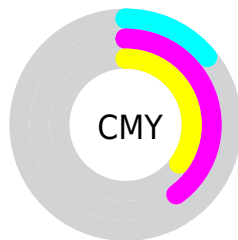
- Red (86%)
- Green (60%)
- Blue (65%)



- Red (86%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6980, 40.7147, 40.9421 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 47.6980, 40.7147, 40.9421 by changing the saturation by 10% instead.

 47.6980, 40.7147,
40.9421

 47.6980, 40.7147,
40.9421


368.1964,
349.1268, 365.7480

 33.7980, 28.0962,
27.9545


 85.9670, 76.2506,
77.8487

 22.9006, 18.3982,
18.0526

 111.0668, 99.9368,
102.6048

 14.6405, 11.2363,
10.8179


140.6305,
128.0811, 132.1208

 8.6521, 6.2260,
5.8319

175.0236,
161.0678, 166.8152

 4.5703, 2.9830,
2.6760

214.6114,
199.2813, 207.1066

 2.0295, 1.1228,
0.9313

259.7592,

 0.6505, 0.0000,

243.1061, 253.4135

0.0000

310.8324,
292.9264, 306.1545

■ 0.0000, 0.0000,
0.0000

■ 47.6980, 40.7147,
40.9421

■ 47.6980, 40.7147,
40.9421

■ 42.8942, 33.5545,
31.7951

■ 53.4001, 49.2993,
51.5348

■ 38.9390, 27.7359,
24.0281

■ 60.0400, 59.3736,
63.6299

■ 35.7832, 23.1767,
17.5742

■ 67.6587, 71.0058,
77.2842

■ 33.3710, 19.7829,
12.3594

■ 76.2942, 84.2584,
92.5506

■ 31.6391, 17.4477,
8.3025

■ 83.3254, 93.9557,
108.3513

■ 30.5131, 16.0440,
5.3120

■ 29.8881, 15.3648,
3.3441

Harmonies

Analogous

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



47.1081, 40.7147, 53.9394



47.6980, 40.7147, 40.9421



45.7365, 40.7147, 30.9487

Triad

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



47.6980, 40.7147, 40.9421



33.6889, 40.7147, 27.8831



35.6441, 40.7147, 70.8869

Complementary

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



47.6980, 40.7147, 40.9421



50.1170, 62.5138, 69.1026

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.



32.4216, 40.7147, 61.1038



47.6980, 40.7147, 40.9421



31.3538, 40.7147, 35.9380

Square

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



47.6980, 40.7147, 40.9421



37.4958, 40.7147, 24.4013



30.9081, 40.7147, 47.9027



39.9258, 40.7147, 72.9241

Rectangle

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



47.6980, 40.7147, 40.9421



43.3274, 40.7147, 26.7415



30.9081, 40.7147, 47.9027



34.4108, 40.7147, 68.3167

Sweetspot

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



47.6991, 40.7166, 40.9429



85.2742, 85.0668, 91.4034



50.2437, 41.3206, 73.0381



17.9369, 17.7277, 18.9952



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.



47.6991, 40.7166, 40.9429



61.9139, 49.8236, 48.2334



50.4443, 47.8732, 36.7211



13.1508, 13.0894, 14.0552



17.5701, 9.0291, 2.1164



1.1672, 0.5965, 0.2896

Inverse Universe

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



47.6991, 40.7166, 40.9429



61.9139, 49.8236, 48.2334



46.4303, 52.6883, 75.4333



13.1508, 13.0894, 14.0552



17.5701, 9.0291, 2.1164



1.1672, 0.5965, 0.2896

Previews

White Background



This preview shows how the XYZ color 47.6980, 40.7147, 40.9421 looks on a white background.

Color Contrast Check

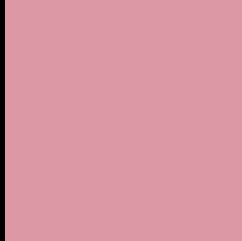
Large Text (above 18pt) WCAG AA × Fail

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 47.6980, 40.7147, 40.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

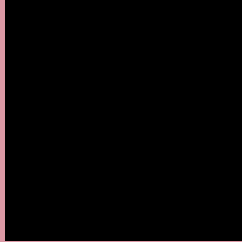
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6980, 40.7147, 40.9421

Background



This preview shows how black text looks on a background with the XYZ color 47.6980, 40.7147, 40.9421.



This preview shows how white text looks on a background with the XYZ color 47.6980, 40.7147,

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

47.6980, 40.7147, 40.9421

Protanopia

39.3462, 40.7288, 46.3451

Deuteranopia

41.7329, 40.9931, 40.3632



Tritanopia

47.6980, 40.7147, 40.9421

Trichromacy



Original Color

47.6980, 40.7147, 40.9421

Protanomaly

41.8613, 40.4383, 44.1271

Deuteranomaly

43.8028, 40.7266, 40.6743

Tritanomaly

47.6980, 40.7147, 40.9421

Monochromacy



Original Color

47.6980, 40.7147, 40.9421

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.4728, 41.2891, 44.2591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6980, 40.7147, 40.9421 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(220, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(220, 153, 165)  
}
```

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(220, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 47.6980, 40.7147, 40.9421 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(220, 153, 165) }
```


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

```
.border{ border-color:rgb(220, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(220, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6980, 40.7147, 40.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 153, 165) }
```

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

```
.background{ background-color: rgb(220,  
153, 165) }
```

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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