

Converting Colors

XYZ(53.8809, 47.9290, 73.6397)

Have a look what the booklet for
XYZ(53.8809, 47.9290, 73.6397)
contains.

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Color

**XYZ(53.9274, 47.9419,
73.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ABDB
RGB	210, 171, 219
RGB Percent	82%, 67%, 86%
CMY	0.1765, 0.3294, 0.1412
CMYK	0.04, 0.22, 0.00, 0.14
HSL	289°, 40%, 76%
HSV	289°, 22%, 86%
XYZ	53.9274, 47.9419, 73.4293
YIQ	188.1330, 7.8360, 23.1960

Conversions

Conversions Part 2

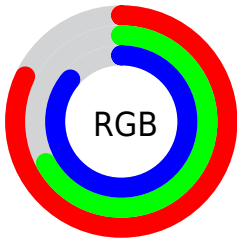
Format	Color
R _Y B	210, 171, 219
Decimal	13806555
CIE Lab	74.79, 22.60, -18.86
CIE LCh	75, 29.434, 320.162
Yxy	47.9419, 0.3076, 0.2735
Android (android.graphics.Color)	4291996635 (0xFFD2ABDB)
YUV	188.1330, 15.2174, 19.1774
Hunter-Lab	69.2401, 17.8539, -14.4091

Details

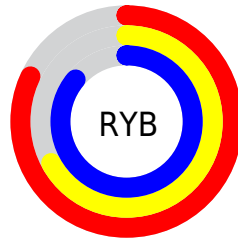
The XYZ color **53.9274, 47.9419, 73.4293** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.5063, 63.3079, 48.0354**, and the grayscale version is **47.7899, 50.2787, 54.7535**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **26.6968, 22.6058, 38.0782** is the 20% darker color. If you saturate the color by 10%, you get **48.9748, 39.7493, 72.1097**, and if you desaturate by 10%, it is **59.5983, 57.5247, 74.9808**.

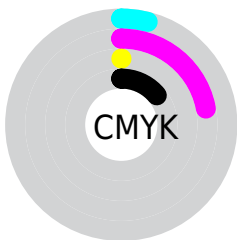
Distribution



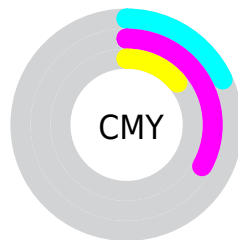
- Red (82%)
- Green (67%)
- Blue (86%)



- Red (82%)
- Yellow (67%)
- Blue (86%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9274, 47.9419, 73.4293 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 53.9274, 47.9419, 73.4293 by changing the saturation by 10% instead.

■ 53.9274, 47.9419,
73.4293

■ 53.9274, 47.9419,
73.4293

392.0360,
378.5618, 491.6120

■ 38.7741, 33.7809,
53.8331

■ 95.1252, 87.1179,
125.8130

■ 26.7639, 22.7253,
38.0760

121.9003,
112.9017, 159.4376

■ 17.5317, 14.3908,
25.7394

153.2801,
143.3285, 198.5755

■ 10.7119, 8.3930,
16.4048

189.6298,
178.7827, 243.6451

■ 5.9393, 4.3474,
9.6536

231.3149,
219.6487, 295.0650

■ 2.8485, 1.8697,
5.0673

278.7008,

■ 1.0742, 0.5301,

266.3110, 353.2538

2.2274

332.1527,
319.1539, 418.6299

■ 0.0033, 0.0000,
0.6901

■ 0.0000, 0.0000,
0.0000

■ 53.9274, 47.9419,
73.4293

■ 53.9274, 47.9419,
73.4293

■ 48.9748, 39.7493,
72.1097

■ 59.5983, 57.5247,
74.9808

■ 44.7021, 32.8732,
71.0077

■ 66.0147, 68.5546,
76.7716

■ 41.0740, 27.2424,
70.1121

■ 73.2077, 81.0925,
78.8125

■ 38.0500, 22.7764,
69.4094

■ 80.0445, 92.8724,
80.7260

35.5850, 19.3851,
68.8847

81.3509, 93.5459,
80.7871

33.6271, 16.9651,
68.5208

82.6885, 94.2355,
80.8497

32.1142, 15.3924,
68.2970

84.0573, 94.9411,
80.9138

31.1320, 14.5721,
68.1904

85.4576, 95.6630,
80.9793

86.8897, 96.4012,
81.0463

Harmonies

Analogous

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



49.2040, 47.9419, 85.0105



53.9274, 47.9419, 73.4293



56.4678, 47.9419, 57.3957

Triad

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



53.9274, 47.9419, 73.4293



47.3470, 47.9419, 28.2297



36.5806, 47.9419, 63.0223

Complementary

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



53.9274, 47.9419, 73.4293



51.5063, 63.3079, 48.0354

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.



36.1685, 47.9419, 47.3288



53.9274, 47.9419, 73.4293



42.1144, 47.9419, 29.1498

Square

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



53.9274, 47.9419, 73.4293



52.4769, 47.9419, 32.6968



38.1193, 47.9419, 35.5170



39.2926, 47.9419, 78.2341

Rectangle

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



53.9274, 47.9419, 73.4293



56.4561, 47.9419, 47.1757



38.1193, 47.9419, 35.5170



36.1772, 47.9419, 57.5701

Sweetspot

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



53.9289, 47.9440, 73.4303



88.3970, 88.5060, 107.0321



46.0254, 46.6599, 73.5990



18.8032, 18.7423, 22.8765



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.



53.9289, 47.9440, 73.4303



72.9965, 62.4642, 102.8172



54.7490, 48.5764, 63.9967



13.3626, 13.1450, 16.4851



18.5468, 8.6854, 40.4373



1.2647, 0.5952, 2.6227

Inverse Universe

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



52.0162, 47.4833, 49.6059



69.9312, 61.7495, 63.5726



50.9270, 62.8419, 55.5682



13.1553, 13.0912, 14.0790



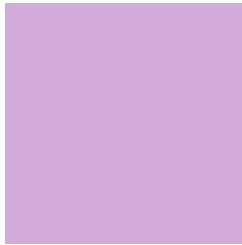
17.5899, 9.0370, 2.2206



1.1694, 0.5974, 0.3008

Previews

White Background



This preview shows how the XYZ color 53.9274, 47.9419, 73.4293 looks on a white background.

Color Contrast Check

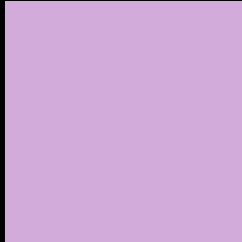
Large Text (above 18pt) WCAG AA × Fail

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 53.9274, 47.9419, 73.4293 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 53.9274, 47.9419, 73.4293

Background



This preview shows how black text looks on a background with the XYZ color 53.9274, 47.9419, 73.4293.



This preview shows how white text looks on a background with the XYZ color 53.9274, 47.9419,

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

53.9274, 47.9419, 73.4293

Protanopia

48.0486, 48.0006, 79.4057

Deuteranopia

49.0953, 48.0914, 72.3406



Tritanopia

50.2732, 47.8902, 55.3092

Trichromacy



Original Color

53.9274, 47.9419, 73.4293

Protanomaly

49.8685, 47.7874, 77.1165

Deuteranomaly

50.8827, 48.1083, 72.9337

Tritanomaly

51.4108, 47.7545, 61.7662

Monochromacy



Original Color

53.9274, 47.9419, 73.4293

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.8017, 49.3152, 60.9268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9274, 47.9419, 73.4293 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(210, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(210, 171, 219)  
}
```

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(210, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 171, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.9274, 47.9419, 73.4293 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(210, 171, 219) }
```


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

```
.border{ border-color:rgb(210, 171, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 171,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9274, 47.9419, 73.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 171, 219) }
```

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

```
.background{ background-color: rgb(210,  
171, 219) }
```

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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