

Converting Colors

XYZ(59.4781, 53.3607, 73.6876)

Have a look what the booklet for
XYZ(59.4781, 53.3607, 73.6876)
contains.

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Color

**XYZ(59.4076, 53.3924,
73.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB4DA
RGB	223, 180, 218
RGB Percent	87%, 71%, 85%
CMY	0.1255, 0.2941, 0.1451
CMYK	0.00, 0.19, 0.02, 0.13
HSL	307°, 40%, 79%
HSV	307°, 19%, 87%
XYZ	59.4076, 53.3924, 73.5043
YIQ	197.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

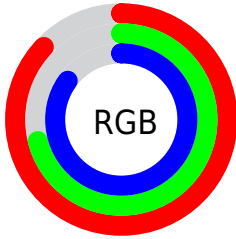
Format	Color
R_{YB}	223, 180, 218
Decimal	14660826
CIE _{Lab}	78.11, 21.87, -13.20
CIE _{LCh}	78, 25.544, 328.897
Yxy	53.3924, 0.3189, 0.2866
Android (android.graphics.Color)	4292850906 (0xFFDFB4DA)
YUV	197.1890, 10.2598, 22.6362
Hunter-Lab	73.0701, 17.2517, -8.4932

Details

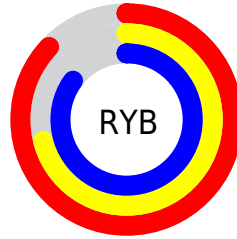
The XYZ color **59.4076, 53.3924, 73.5043** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.9692, 65.9831, 55.7934**, and the grayscale version is **53.1207, 55.8871, 60.8610**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.1366, 26.0386, 38.0879** is the 20% darker color. If you saturate the color by 10%, you get **54.9267, 44.9686, 70.3498**, and if you desaturate by 10%, it is **64.6213, 63.2715, 76.9305**.

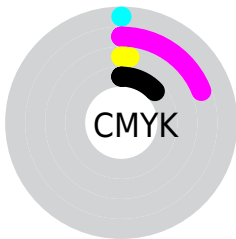
Distribution



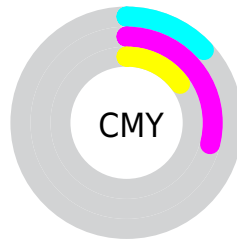
- Red (87%)
- Green (71%)
- Blue (85%)



- Red (87%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4076, 53.3924, 73.5043 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 59.4076, 53.3924, 73.5043 by changing the saturation by 10% instead.

■ 59.4076, 53.3924,
73.5043

■ 59.4076, 53.3924,
73.5043

412.2806,
399.7888, 491.8783

■ 43.1890, 38.1161,
53.8941

■ 103.0811, 95.1815,
125.9204

■ 30.2286, 26.0728,
38.1244

131.2666,
122.4632, 159.5634

■ 20.1611, 16.8781,
25.7767

164.1718,
154.5154, 198.7211

■ 12.6211, 10.1476,
16.4324

202.1621,
191.7225, 243.8119

■ 7.2434, 5.4970,
9.6730

245.6027,
234.4691, 295.2545

■ 3.6624, 2.5417,
5.0799

294.8591,

■ 1.5130, 0.8974,

283.1394, 353.4675

2.2347

350.2966,
338.1178, 418.8692

■ 0.3347, 0.0000,
0.6943

■ 0.0000, 0.0000,
0.0000

■ 59.4076, 53.3924,
73.5043

■ 59.4076, 53.3924,
73.5043

■ 54.9267, 44.9686,
70.3498

■ 64.6213, 63.2715,
76.9305

■ 51.1391, 37.9240,
67.4519

■ 70.5952, 74.6633,
80.6358

■ 48.0091, 32.1859,
64.7992

■ 77.3613, 87.6309,
84.6315

■ 45.4956, 27.6727,
62.3778

■ 80.2476, 92.8305,
87.3607

43.5532, 24.2931,
60.1725

80.6113, 92.9760,
89.2755

42.1298, 21.9433,
58.1658

80.9803, 93.1236,
91.2190

41.1640, 20.5005,
56.3371

81.3548, 93.2734,
93.1911

40.5564, 19.7659,
54.6532

81.7348, 93.4254,
95.1921

40.5176, 19.7225,
54.5347

82.1203, 93.5796,
97.2220

Harmonies

Analogous

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



55.5232, 53.3924, 85.6399



59.4076, 53.3924, 73.5043



60.9497, 53.3924, 58.6656

Triad

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



59.4076, 53.3924, 73.5043



50.9327, 53.3924, 34.7771



42.8084, 53.3924, 72.4387

Complementary

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



59.4076, 53.3924, 73.5043



53.9692, 65.9831, 55.7934

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.



41.7531, 53.3924, 57.6081



59.4076, 53.3924, 73.5043



46.2545, 53.3924, 37.2574

Square

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



59.4076, 53.3924, 73.5043



55.8635, 53.3924, 37.6518



42.9734, 53.3924, 45.0734



45.9545, 53.3924, 84.9572

Rectangle

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



59.4076, 53.3924, 73.5043



60.3698, 53.3924, 49.6884



42.9734, 53.3924, 45.0734



42.2069, 53.3924, 67.4889

Sweetspot

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



59.4092, 53.3947, 73.5054



90.0766, 90.5096, 105.8354



49.4820, 48.2003, 76.5088



19.1692, 19.1615, 22.5836



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.



59.4092, 53.3947, 73.5054



78.0300, 67.6864, 97.9048



56.8556, 52.3733, 60.0581



14.2228, 13.9067, 16.9433



23.8506, 11.6072, 32.2087



1.6729, 0.8124, 2.3364

Inverse Universe

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



59.4092, 53.3947, 73.5054



78.0300, 67.6864, 97.9048



56.3283, 66.9267, 68.2164



14.2228, 13.9067, 16.9433



23.8506, 11.6072, 32.2087



1.6729, 0.8124, 2.3364

Previews

White Background



This preview shows how the XYZ color 59.4076, 53.3924, 73.5043 looks on a white background.

Color Contrast Check

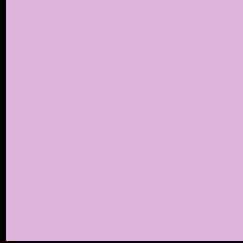
Large Text (above 18pt) WCAG AA × Fail

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 59.4076, 53.3924, 73.5043 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 59.4076, 53.3924, 73.5043

Background



This preview shows how black text looks on a background with the XYZ color 59.4076, 53.3924, 73.5043.



This preview shows how white text looks on a background with the XYZ color 59.4076, 53.3924,

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

59.4076, 53.3924, 73.5043

Protanopia

53.0706, 53.7551, 79.5301

Deuteranopia

54.4653, 53.3418, 72.3911



Tritanopia

56.8487, 53.5738, 60.7706

Trichromacy



Original Color

59.4076, 53.3924, 73.5043

Protanomaly

55.1219, 53.5735, 77.2475

Deuteranomaly

56.1678, 53.2630, 72.9661

Tritanomaly

57.7717, 53.6469, 65.0676

Monochromacy



Original Color

59.4076, 53.3924, 73.5043

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1038, 54.7912, 65.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4076, 53.3924, 73.5043 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(223, 180, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 180, 218)  
}
```

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(223, 180, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 180, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.4076, 53.3924, 73.5043 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(223, 180, 218) }
```


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

```
.border{ border-color:rgb(223, 180, 218) }
```

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

Here you see how a box with a 4 pixel rgb(223, 180, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 180, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 180, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 180,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4076, 53.3924, 73.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 180, 218) }
```

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

```
.background{ background-color: rgb(223,  
180, 218) }
```

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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