

Converting Colors

XYZ(44.6962, 40.2908, 59.3933)

Have a look what the booklet for
XYZ(44.6962, 40.2908, 59.3933)
contains.

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Color

**XYZ(44.6993, 40.2573,
59.4474)**

Conversions

Conversions Part 1

Format	Color
Hex	C19FC7
RGB	193, 159, 199
RGB Percent	76%, 62%, 78%
CMY	0.2431, 0.3765, 0.2196
CMYK	0.03, 0.20, 0.00, 0.22
HSL	291°, 26%, 70%
HSV	291°, 20%, 78%
XYZ	44.6993, 40.2573, 59.4474
YIQ	173.7260, 7.4240, 19.6480

Conversions

Conversions Part 2

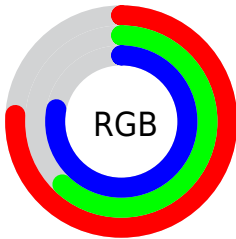
Format	Color
R_{YB}	193, 159, 199
Decimal	12689351
CIE _{Lab}	69.65, 19.64, -15.79
CIE _{LCh}	70, 25.196, 321.202
Yxy	40.2573, 0.3095, 0.2788
Android (android.graphics.Color)	4290879431 (0xFFC19FC7)
YUV	173.7260, 12.4601, 16.9033
Hunter-Lab	63.4486, 14.7174, -11.1370

Details

The XYZ color **44.6993, 40.2573, 59.4474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2000, 51.3505, 40.4904**, and the grayscale version is **40.0281, 42.1127, 45.8607**.

A 20% lighter version of the original color is **81.5209, 75.6371, 104.9106**, and **21.0160, 18.0487, 29.1641** is the 20% darker color. If you saturate the color by 10%, you get **40.7960, 33.5683, 58.3626**, and if you desaturate by 10%, it is **49.1714, 48.0595, 60.7183**.

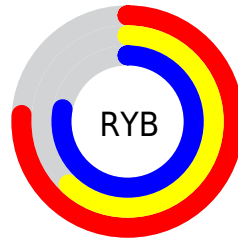
Distribution



Red (76%)

Green (62%)

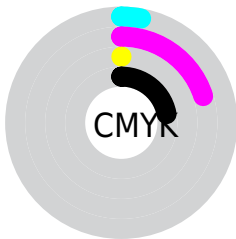
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

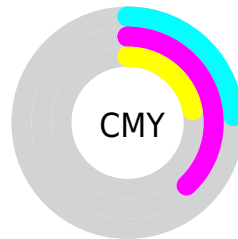


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6993, 40.2573, 59.4474 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 44.6993, 40.2573, 59.4474 by changing the saturation by 10% instead.

■ 44.6993, 40.2573,
59.4474

■ 44.6993, 40.2573,
59.4474

356.3586,
347.2069, 440.3059

■ 31.4209, 27.7392,
42.5510

■ 81.5088, 75.5552,
105.5631

■ 21.0730, 18.1292,
29.2042

■ 105.7707, 99.1037,
135.6196

■ 13.2901, 11.0428,
18.9884

134.4244,
127.0979, 170.8997

■ 7.7070, 6.0956,
11.4852

167.8354,
159.9221, 211.8222

■ 3.9583, 2.9033,
6.2759

206.3689,
197.9607, 258.8055

■ 1.6785, 1.0815,
2.9421

250.3904,

■ 0.4428, 0.0000,

241.5981, 312.2682

1.0651

300.2652,
291.2187, 372.6288

■ 0.0000, 0.0000,
0.0000

■ 44.6993, 40.2573,
59.4474

■ 44.6993, 40.2573,
59.4474

■ 40.7960, 33.5683,
58.3626

■ 49.1714, 48.0595,
60.7183

■ 37.4313, 27.9346,
57.4526

■ 54.2331, 57.0188,
62.1808

■ 34.5779, 23.3011,
56.7086

■ 59.9089, 67.1832,
63.8436

■ 32.2046, 19.6052,
56.1203

■ 66.2206, 78.5963,
65.7139

■ 30.2765, 16.7775,
55.6761

■ 72.0608, 89.0429,
67.4225

■ 28.7541, 14.7391,
55.3629

■ 72.9076, 89.4794,
67.4621

■ 27.5904, 13.3962,
55.1650

■ 73.7704, 89.9242,
67.5025

■ 26.7034, 12.5752,
55.0533

■ 74.6491, 90.3772,
67.5436

■ 75.5439, 90.8385,
67.5855

Harmonies

Analogous

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



41.1671, 40.2573, 68.2540



44.6993, 40.2573, 59.4474



46.5390, 40.2573, 47.3552

Triad

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



44.6993, 40.2573, 59.4474



39.4741, 40.2573, 25.1898



31.4146, 40.2573, 52.4584

Complementary

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



44.6993, 40.2573, 59.4474



42.2000, 51.3505, 40.4904

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.



31.0320, 40.2573, 40.4906



44.6993, 40.2573, 59.4474



35.4995, 40.2573, 26.0670

Square

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



44.6993, 40.2573, 59.4474



43.3848, 40.2573, 28.5698



32.4769, 40.2573, 31.2249



33.5617, 40.2573, 63.7470

Rectangle

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



44.6993, 40.2573, 59.4474



46.4740, 40.2573, 39.6176



32.4769, 40.2573, 31.2249



31.0817, 40.2573, 48.3380

Sweetspot

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



44.7005, 40.2590, 59.4483



89.5225, 90.1910, 107.2980



38.1843, 38.6478, 59.4807



19.0378, 19.0860, 22.9305



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.



44.7005, 40.2590, 59.4483



75.2402, 65.2749, 103.2415



44.7801, 40.4712, 51.7216



10.9208, 10.7329, 13.4136



17.2295, 8.1164, 35.4029



0.8594, 0.4068, 1.6784

Inverse Universe

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



42.7443, 39.6568, 41.0009



71.2644, 64.0655, 65.0973



42.2014, 51.2102, 46.8598



10.6976, 10.6624, 11.3910



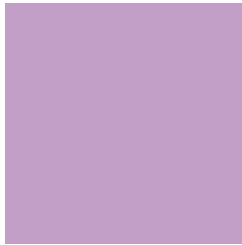
15.3152, 7.8756, 1.6035



0.7465, 0.3814, 0.1881

Previews

White Background



This preview shows how the XYZ color 44.6993, 40.2573, 59.4474 looks on a white background.

Color Contrast Check

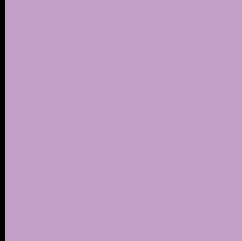
Large Text (above 18pt) WCAG AA × Fail

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 44.6993, 40.2573, 59.4474 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 44.6993, 40.2573, 59.4474

Background



This preview shows how black text looks on a background with the XYZ color 44.6993, 40.2573, 59.4474.



This preview shows how white text looks on a background with the XYZ color 44.6993, 40.2573,

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

44.6993, 40.2573, 59.4474

Protanopia

40.2288, 40.5135, 64.0921

Deuteranopia

41.2848, 40.3483, 59.0381



Tritanopia

42.1689, 40.2761, 46.6258

Trichromacy



Original Color

44.6993, 40.2573, 59.4474

Protanomaly

41.4682, 40.1063, 62.0556

Deuteranomaly

42.3463, 40.0954, 58.9334

Tritanomaly

43.0579, 40.3777, 50.8717

Monochromacy



Original Color

44.6993, 40.2573, 59.4474

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7913, 41.6186, 50.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6993, 40.2573, 59.4474 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(193, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 199)  
}
```

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(193, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 199) }
```

Border

The CSS property to change the border of an element to XYZ 44.6993, 40.2573, 59.4474 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(193, 159, 199) }
```


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

```
.border{ border-color:rgb(193, 159, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6993, 40.2573, 59.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 199) }
```

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

```
.background{ background-color: rgb(193,  
159, 199) }
```

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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