

Converting Colors

XYZ(54.4796, 53.8992, 79.4843)

Have a look what the booklet for
XYZ(54.4796, 53.8992, 79.4843)
contains.

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Color

**XYZ(54.3891, 53.7872,
79.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BEE2
RGB	194, 190, 226
RGB Percent	76%, 75%, 89%
CMY	0.2392, 0.2549, 0.1137
CMYK	0.14, 0.16, 0.00, 0.11
HSL	247°, 38%, 82%
HSV	247°, 16%, 89%
XYZ	54.3891, 53.7872, 79.4669
YIQ	195.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

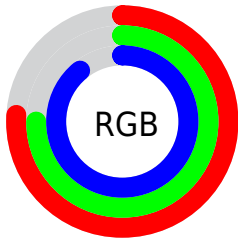
Format	Color
RYB	194, 190, 226
Decimal	12762850
CIELab	78.34, 8.48, -17.42
CIELCh	78, 19.373, 295.962
Yxy	53.7872, 0.2899, 0.2866
Android (android.graphics.Color)	4290952930 (0xFFC2BEE2)
YUV	195.3000, 15.1351, -1.1401
Hunter-Lab	73.3398, 4.0318, -12.9055

Details

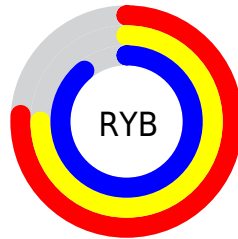
The XYZ color **54.3891, 53.7872, 79.4669** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.6166, 73.6414, 59.4207**, and the grayscale version is **51.9684, 54.6748, 59.5409**.

A 20% lighter version of the original color is **90.7894, 93.6408, 107.8971**, and **27.1116, 26.4070, 42.1962** is the 20% darker color. If you saturate the color by 10%, you get **45.0566, 42.2654, 77.7357**, and if you desaturate by 10%, it is **65.1810, 67.1908, 81.4861**.

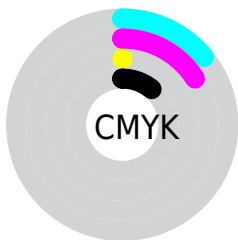
Distribution



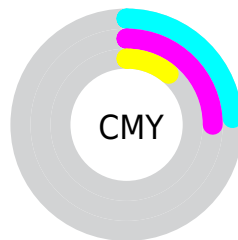
- Red (76%)
- Green (75%)
- Blue (89%)



- Red (76%)
- Yellow (75%)
- Blue (89%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3891, 53.7872, 79.4669 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 54.3891, 53.7872, 79.4669 by changing the saturation by 10% instead.

■ 54.3891, 53.7872,
79.4669

■ 54.3891, 53.7872,
79.4669

393.7662,
401.2980, 512.7937

■ 39.1447, 38.4316,
58.7562

■ 95.7989, 95.7617,
134.4206

■ 27.0536, 26.3178,
41.9982

122.6950,
123.1494, 169.5006

■ 17.7503, 17.0615,
28.7743

154.2057,
155.3165, 210.2075

■ 10.8694, 10.2784,
18.6660

190.6964,
192.6475, 256.9598

■ 6.0457, 5.5839,
11.2548

232.5325,
235.5268, 310.1760

■ 2.9138, 2.5938,
6.1222

280.0792,

■ 1.1084, 0.9235,

284.3387, 370.2747

2.8495

333.7020,
339.4676, 437.6745

■ 0.0321, 0.0000,
1.0183

■ 0.0000, 0.0000,
0.0000

■ 54.3891, 53.7872,
79.4669

■ 54.3891, 53.7872,
79.4669

■ 45.0566, 42.2654,
77.7357

■ 65.1810, 67.1908,
81.4861

■ 37.1158, 32.5346,
76.2760

■ 77.4861, 82.5481,
83.8018

■ 30.5012, 24.5066,
75.0751

■ 90.4604, 98.1333,
86.1262

■ 25.1399, 18.0830,
74.1178

■ 90.7276, 98.2711,
86.1388

■ 20.9521, 13.1554,
73.3874

■ 17.8485, 9.6017,
72.8650

■ 15.7267, 7.2805,
72.5288

■ 14.4638, 6.0189,
72.3518

■ 14.1311, 5.6990,
72.3076

Harmonies

Analogous

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



50.6103, 53.7872, 82.0184



54.3891, 53.7872, 79.4669



57.4204, 53.7872, 71.0771

Triad

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



54.3891, 53.7872, 79.4669



55.3232, 53.7872, 42.8791



44.1752, 53.7872, 57.1037

Complementary

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



54.3891, 53.7872, 79.4669



66.6166, 73.6414, 59.4207

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.



45.3040, 53.7872, 47.6150



54.3891, 53.7872, 79.4669



51.6394, 53.7872, 40.0723

Square

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



54.3891, 53.7872, 79.4669



57.9782, 53.7872, 49.8734



47.9906, 53.7872, 41.6931



44.8309, 53.7872, 68.2122

Rectangle

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



54.3891, 53.7872, 79.4669



58.5446, 53.7872, 63.7894



47.9906, 53.7872, 41.6931



44.3569, 53.7872, 53.6342

Sweetspot

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



54.3908, 53.7894, 79.4681



87.0691, 90.0466, 107.3994



61.1919, 68.8949, 82.0253



18.4050, 18.9855, 22.9445



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.



54.3908, 53.7894, 79.4681



67.3855, 65.6147, 103.7211



59.1789, 56.2578, 79.6922



13.0927, 13.3158, 17.2678



8.1108, 3.2766, 41.2533



0.6102, 0.2519, 2.8617

Inverse Universe

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



62.9640, 58.2718, 77.0384



80.6395, 72.5461, 99.8819



61.5039, 71.0057, 59.1815



14.2260, 13.9080, 16.9603



23.9285, 11.6384, 32.6188



1.6776, 0.8143, 2.3609

Previews

White Background



This preview shows how the XYZ color 54.3891, 53.7872, 79.4669 looks on a white background.

Color Contrast Check

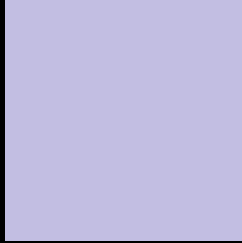
Large Text (above 18pt) WCAG AA × Fail

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 54.3891, 53.7872, 79.4669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

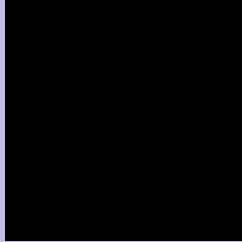
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3891, 53.7872, 79.4669

Background



This preview shows how black text looks on a background with the XYZ color 54.3891, 53.7872, 79.4669.



This preview shows how white text looks on a background with the XYZ color 54.3891, 53.7872,

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

54.3891, 53.7872, 79.4669

Protanopia

53.2083, 53.8101, 80.2551

Deuteranopia

54.9510, 53.7565, 79.4313



Tritanopia

51.9410, 53.7704, 67.3156

Trichromacy



Original Color

54.3891, 53.7872, 79.4669

Protanomaly

53.7311, 53.7548, 80.2168

Deuteranomaly

54.6900, 53.6219, 79.4191

Tritanomaly

52.8536, 53.8120, 71.8911

Monochromacy



Original Color

54.3891, 53.7872, 79.4669

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7162, 54.1983, 66.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3891, 53.7872, 79.4669 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(194, 190, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 226)  
}
```

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(194, 190, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.3891, 53.7872, 79.4669 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(194, 190, 226) }
```


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

```
.border{ border-color:rgb(194, 190, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 226);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3891, 53.7872, 79.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 226) }
```

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

```
.background{ background-color: rgb(194,  
190, 226) }
```

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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