

Converting Colors

XYZ(52.4571, 53.9787, 74.0928)

Have a look what the booklet for
XYZ(52.4571, 53.9787, 74.0928)
contains.

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Color

**XYZ(52.4639, 53.8933,
73.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1DA
RGB	188, 193, 218
RGB Percent	74%, 76%, 85%
CMY	0.2627, 0.2431, 0.1451
CMYK	0.14, 0.11, 0.00, 0.15
HSL	230°, 29%, 80%
HSV	230°, 14%, 85%
XYZ	52.4639, 53.8933, 73.9670
YIQ	194.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

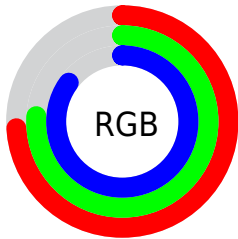
Format	Color
R_{YB}	188, 192, 218
Decimal	12370394
CIE _{Lab}	78.40, 3.26, -13.06
CIE _{LCh}	78, 13.457, 284.006
Yxy	53.8933, 0.2909, 0.2989
Android (android.graphics.Color)	4290560474 (0xFFBCC1DA)
YUV	194.3550, 11.6570, -5.5733
Hunter-Lab	73.4121, -0.9061, -8.3498

Details

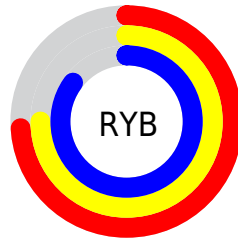
The XYZ color **52.4639, 53.8933, 73.9670** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7851, 66.1244, 57.0849**, and the grayscale version is **51.4275, 54.1058, 58.9212**.

A 20% lighter version of the original color is **89.2339, 94.2045, 108.0879**, and **25.9806, 26.5514, 38.4059** is the 20% darker color. If you saturate the color by 10%, you get **43.7221, 43.7884, 72.4782**, and if you desaturate by 10%, it is **62.5134, 65.4073, 75.6606**.

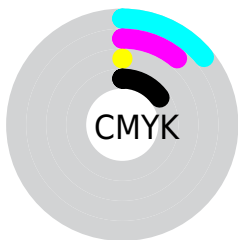
Distribution



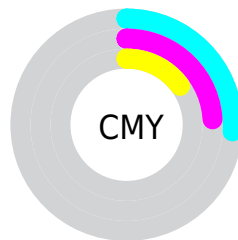
- Red (74%)
- Green (76%)
- Blue (85%)



- Red (74%)
- Yellow (75%)
- Blue (85%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4639, 53.8933, 73.9670 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 52.4639, 53.8933, 73.9670 by changing the saturation by 10% instead.

■ 52.4639, 53.8933,
73.9670

■ 52.4639, 53.8933,
73.9670

386.5195,
401.7030, 493.5198

■ 37.6007, 38.5164,
54.2704

■ 92.9852, 95.9176,
126.5826

■ 25.8488, 26.3837,
38.4232

119.3741,
123.3337, 160.3388

■ 16.8426, 17.1109,
26.0070

150.3356,
155.5316, 199.6185

■ 10.2170, 10.3136,
16.6030

186.2350,
192.8958, 244.8403

■ 5.6064, 5.6074,
9.7929

227.4378,
235.8107, 296.4228

■ 2.6456, 2.6078,
5.1581

274.3092,

■ 0.9693, 0.9306,

284.6606, 354.7846

2.2799

327.2147,
339.8299, 420.3441

■ 0.0000, 0.0000,
0.7200

■ 0.0000, 0.0000,
0.0000

■ 52.4639, 53.8933,
73.9670

■ 52.4639, 53.8933,
73.9670

■ 43.7221, 43.7884,
72.4782

■ 62.5134, 65.4073,
75.6606

■ 36.2290, 35.0316,
71.1829

■ 73.9166, 78.3750,
77.5626

■ 29.9284, 27.5673,
70.0742

■ 86.7233, 92.8474,
79.6811

■ 24.7577, 21.3334,
69.1434

■ 89.6551, 97.8420,
80.4906

■ 20.6487, 16.2626,
68.3812

■ 17.5254, 12.2809,
67.7773

■ 15.3014, 9.3054,
67.3202

■ 13.8742, 7.2405,
66.9969

■ 13.2967, 6.3452,
66.8545

Harmonies

Analogous

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



49.8363, 53.8933, 73.8146



52.4639, 53.8933, 73.9670



54.8367, 53.8933, 69.7851

Triad

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



52.4639, 53.8933, 73.9670



54.9673, 53.8933, 49.1380



46.4919, 53.8933, 54.7606

Complementary

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



52.4639, 53.8933, 73.9670



61.7851, 66.1244, 57.0849

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.



47.7735, 53.8933, 48.8214



52.4639, 53.8933, 73.9670



52.6372, 53.8933, 45.7710

Square

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



52.4639, 53.8933, 73.9670



56.3153, 53.8933, 55.2279



50.0037, 53.8933, 45.6603



46.4492, 53.8933, 62.2744

Rectangle

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



52.4639, 53.8933, 73.9670



55.9294, 53.8933, 65.2941



50.0037, 53.8933, 45.6603



46.7901, 53.8933, 52.5295

Sweetspot

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



52.4655, 53.8955, 73.9682



88.7448, 92.8132, 107.8451



57.7583, 65.6139, 72.2401



18.7488, 19.5847, 23.0420



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.



52.4655, 53.8955, 73.9682



70.4005, 71.7649, 104.7493



53.7962, 52.9674, 73.7189



12.5133, 12.9663, 16.4954



8.0189, 3.9072, 40.0699



0.5743, 0.3626, 2.6142

Inverse Universe

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



56.5236, 54.7233, 58.0382



77.4663, 73.2803, 76.9958



60.3027, 67.2571, 57.3817



13.1442, 13.0868, 14.0205



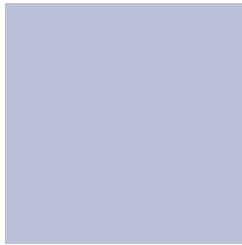
17.5429, 9.0182, 1.9730



1.1641, 0.5953, 0.2733

Previews

White Background



This preview shows how the XYZ color 52.4639, 53.8933, 73.9670 looks on a white background.

Color Contrast Check

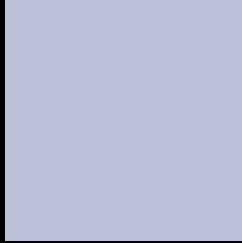
Large Text (above 18pt) WCAG AA × Fail

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 52.4639, 53.8933, 73.9670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

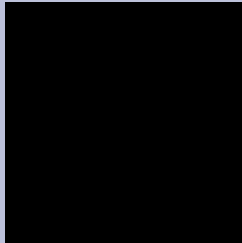
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4639, 53.8933, 73.9670

Background



This preview shows how black text looks on a background with the XYZ color 52.4639, 53.8933, 73.9670.



This preview shows how white text looks on a background with the XYZ color 52.4639, 53.8933,

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

52.4639, 53.8933, 73.9670

Protanopia

52.7397, 53.7084, 73.9167

Deuteranopia

55.0712, 53.9272, 74.5243



Tritanopia

51.4182, 53.8015, 68.6475

Trichromacy



Original Color

52.4639, 53.8933, 73.9670

Protanomaly

52.4908, 53.5800, 73.9051

Deuteranomaly

53.9646, 53.6771, 74.5343

Tritanomaly

51.7955, 53.9525, 70.6347

Monochromacy



Original Color

52.4639, 53.8933, 73.9670

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8095, 54.1018, 64.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4639, 53.8933, 73.9670 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(188, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.4639, 53.8933, 73.9670 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(188, 193, 218) }
```


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

```
.border{ border-color:rgb(188, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4639, 53.8933, 73.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 218) }
```

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

```
.background{ background-color: rgb(188,  
193, 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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