

Converting Colors

XYZ(53.7609, 53.2120, 70.7360)

Have a look what the booklet for
XYZ(53.7609, 53.2120, 70.7360)
contains.

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Color

**XYZ(53.8884, 53.3923,
71.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BDD6
RGB	199, 189, 214
RGB Percent	78%, 74%, 84%
CMY	0.2196, 0.2588, 0.1608
CMYK	0.07, 0.12, 0.00, 0.16
HSL	264°, 23%, 79%
HSV	264°, 12%, 84%
XYZ	53.8884, 53.3923, 71.0839
YIQ	194.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

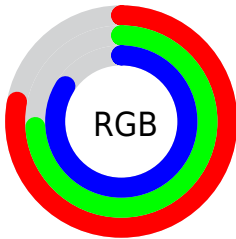
Format	Color
R _Y B	199, 189, 214
Decimal	13090262
CIE Lab	78.11, 8.20, -11.25
CIE LCh	78, 13.921, 306.094
Yxy	53.3923, 0.3021, 0.2993
Android (android.graphics.Color)	4291280342 (0xFFC7BDD6)
YUV	194.8400, 9.4459, 3.6483
Hunter-Lab	73.0700, 3.7694, -6.5294

Details

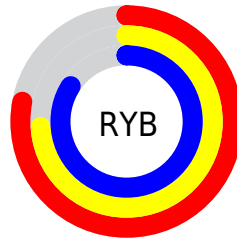
The XYZ color **53.8884, 53.3923, 71.0839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1356, 64.6060, 57.5528**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **26.7392, 26.1313, 36.4354** is the 20% darker color. If you saturate the color by 10%, you get **46.3562, 43.1737, 69.5093**, and if you desaturate by 10%, it is **62.3905, 65.1220, 72.9007**.

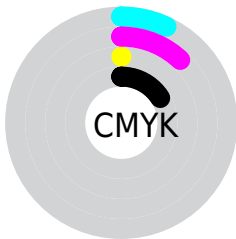
Distribution



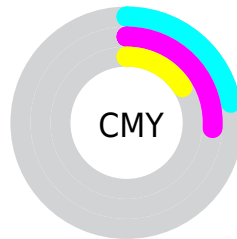
- Red (78%)
- Green (74%)
- Blue (84%)



- Red (78%)
- Yellow (74%)
- Blue (84%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8884, 53.3923, 71.0839 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 53.8884, 53.3923, 71.0839 by changing the saturation by 10% instead.

■ 53.8884, 53.3923,
71.0839

■ 53.8884, 53.3923,
71.0839

391.8896,
399.7884, 483.2382

■ 38.7428, 38.1160,
51.9284

■ 95.0682, 95.1814,
122.4488

■ 26.7395, 26.0728,
36.5662

121.8331,
122.4630, 155.4952

■ 17.5132, 16.8781,
24.5786

153.2018,
154.5152, 194.0090

■ 10.6987, 10.1476,
15.5472

189.5396,
191.7223, 238.4088

■ 5.9304, 5.4969,
9.0535

231.2120,
234.4688, 289.1131

■ 2.8430, 2.5417,
4.6788

278.5842,

■ 1.0713, 0.8974,

283.1391, 346.5404

2.0046

332.0216,
338.1175, 411.1093

■ 0.0009, 0.0000,
0.5581

■ 0.0000, 0.0000,
0.0000

■ 53.8884, 53.3923,
71.0839

■ 53.8884, 53.3923,
71.0839

■ 46.3562, 43.1737,
69.5093

■ 62.3905, 65.1220,
72.9007

■ 39.7525, 34.3966,
68.1632

■ 71.8924, 78.4153,
74.9657

■ 34.0396, 26.9957,
67.0358

■ 82.4285, 93.3302,
77.2893

■ 29.1755, 20.8982,
66.1152

■ 87.4536, 96.7669,
77.6878

■ 25.1142, 16.0242,
65.3885

■ 89.1378, 97.6351,
77.7666

■ 21.8050, 12.2847,
64.8411

■ 19.1906, 9.5780,
64.4565

■ 17.2035, 7.7830,
64.2147

■ 15.9378, 6.8141,
64.0944

Harmonies

Analogous

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



51.3045, 53.3923, 74.3193



53.8884, 53.3923, 71.0839



55.6757, 53.3923, 64.4121

Triad

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



53.8884, 53.3923, 71.0839



52.8946, 53.3923, 45.5004



45.7278, 53.3923, 59.7382

Complementary

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



53.8884, 53.3923, 71.0839



58.1356, 64.6060, 57.5528

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.



46.1195, 53.3923, 52.2798



53.8884, 53.3923, 71.0839



50.1951, 53.3923, 44.4896

Square

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



53.8884, 53.3923, 71.0839



55.0878, 53.3923, 49.7581



47.7316, 53.3923, 46.8629



46.6419, 53.3923, 67.4033

Rectangle

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



53.8884, 53.3923, 71.0839



56.1409, 53.3923, 59.1604



47.7316, 53.3923, 46.8629



45.7116, 53.3923, 57.1218

Sweetspot

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



53.8900, 53.3946, 71.0851



89.6659, 92.5215, 107.7403



54.8178, 59.0597, 72.1297



18.9813, 19.5114, 23.0156



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.



53.8900, 53.3946, 71.0851



77.2532, 75.4608, 105.1015



57.2246, 55.1136, 71.2411



12.2080, 12.2486, 15.6583



9.7434, 4.1754, 38.7456



0.6797, 0.2993, 2.3413

Inverse Universe

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



56.8300, 55.0532, 64.7602



82.4855, 78.4140, 93.7894



54.9508, 62.9642, 57.4037



12.7330, 12.5447, 14.5340



19.1860, 9.6107, 13.5496



1.1976, 0.5958, 1.0299

Previews

White Background



This preview shows how the XYZ color 53.8884, 53.3923, 71.0839 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 53.8884, 53.3923, 71.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

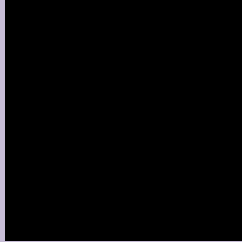
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8884, 53.3923, 71.0839

Background



This preview shows how black text looks on a background with the XYZ color 53.8884, 53.3923, 71.0839.



This preview shows how white text looks on a background with the XYZ color 53.8884, 53.3923,

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

53.8884, 53.3923, 71.0839

Protanopia

52.4795, 53.6043, 72.5464

Deuteranopia

54.4779, 53.3780, 71.0500



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

53.8884, 53.3923, 71.0839

Protanomaly

52.8889, 53.5054, 71.8300

Deuteranomaly

54.2082, 53.2390, 71.0374

Tritanomaly

53.0873, 53.3867, 67.1812

Monochromacy



Original Color

53.8884, 53.3923, 71.0839

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4956, 54.1400, 63.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8884, 53.3923, 71.0839 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(199, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 214)  
}
```

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(199, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.8884, 53.3923, 71.0839 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(199, 189, 214) }
```


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

```
.border{ border-color:rgb(199, 189, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8884, 53.3923, 71.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 214) }
```

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

```
.background{ background-color: rgb(199,  
189, 214) }
```

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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