

Converting Colors

XYZ(51.9589, 56.0300, 71.9473)

Have a look what the booklet for
XYZ(51.9589, 56.0300, 71.9473)
contains.

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Color

**XYZ(51.8479, 55.9873,
71.6923)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C8D6
RGB	181, 200, 214
RGB Percent	71%, 78%, 84%
CMY	0.2902, 0.2157, 0.1608
CMYK	0.15, 0.07, 0.00, 0.16
HSL	205°, 29%, 77%
HSV	205°, 15%, 84%
XYZ	51.8479, 55.9873, 71.6923
YIQ	195.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

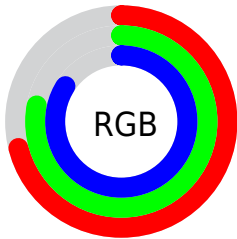
Format	Color
R _Y B	181, 193, 214
Decimal	11913430
CIE Lab	79.61, -3.56, -9.15
CIE LCh	80, 9.822, 248.764
Yxy	55.9873, 0.2888, 0.3119
Android (android.graphics.Color)	4290103510 (0xFFB5C8D6)
YUV	195.9150, 8.9159, -13.0805
Hunter-Lab	74.8247, -7.2560, -4.4307

Details

The XYZ color **51.8479, 55.9873, 71.6923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5876, 56.6625, 51.7243**, and the grayscale version is **52.3747, 55.1023, 60.0064**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.4390, 27.6502, 36.7971** is the 20% darker color. If you saturate the color by 10%, you get **45.1704, 49.5175, 70.7963**, and if you desaturate by 10%, it is **59.4243, 63.1087, 72.6684**.

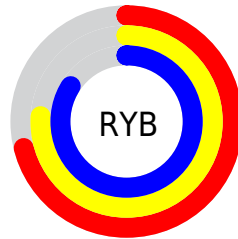
Distribution



Red (71%)

Green (78%)

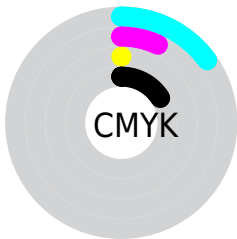
Blue (84%)



Red (71%)

Yellow (76%)

Blue (84%)

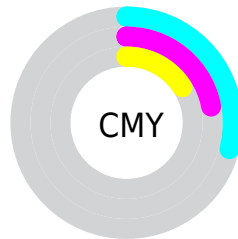


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8479, 55.9873, 71.6923 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 51.8479, 55.9873, 71.6923 by changing the saturation by 10% instead.

■ 51.8479, 55.9873,
71.6923

■ 51.8479, 55.9873,
71.6923

384.1827,
409.6436, 485.4186

■ 37.1076, 40.1927,
52.4221

■ 92.0824, 98.9860,
123.3226

■ 25.4649, 27.6889,
36.9570

118.3074,
126.9589, 156.5198

■ 16.5543, 18.0912,
24.8787

149.0914,
159.7601, 195.1963

■ 10.0106, 11.0155,
15.7685

184.7996,
197.7740, 239.7707

■ 5.4683, 6.0773,
9.2079

225.7975,
241.3848, 290.6617

■ 2.5621, 2.8921,
4.7784

272.4504,

■ 0.9267, 1.0757,

290.9771, 348.2876

2.0614

325.1237,
346.9353, 413.0671

■ 0.0000, 0.0000,
0.5926

■ 0.0000, 0.0000,
0.0000

■ 51.8479, 55.9873,
71.6923

■ 51.8479, 55.9873,
71.6923

■ 45.1704, 49.5175,
70.7963

■ 59.4243, 63.1087,
72.6684

■ 39.3496, 43.6700,
69.9745

■ 67.9295, 70.8959,
73.7233

■ 34.3473, 38.4233,
69.2254

■ 77.3982, 79.3712,
74.8601

■ 30.1199, 33.7516,
68.5465

■ 83.4634, 86.2864,
75.8752

■ 26.6198, 29.6269,
67.9348

■ 86.1483, 91.6562,
76.7702

■ 23.7934, 26.0178,
67.3871

■ 88.9681, 97.2957,
77.7101

■ 21.5786, 22.8889,
66.8999

■ 89.1378, 97.6351,
77.7666

■ 19.8999, 20.1972,
66.4689

■ 19.2493, 19.0781,
66.2871

Harmonies

Analogous

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



50.3022, 55.9873, 68.0411



51.8479, 55.9873, 71.6923



53.7961, 55.9873, 72.3772

Triad

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



51.8479, 55.9873, 71.6923



57.0640, 55.9873, 59.3154



50.8673, 55.9873, 52.8525

Complementary

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



51.8479, 55.9873, 71.6923



55.5876, 56.6625, 51.7243

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.



52.6366, 55.9873, 50.8126



51.8479, 55.9873, 71.6923



56.2366, 55.9873, 54.3893

Square

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



51.8479, 55.9873, 71.6923



56.8402, 55.9873, 64.9936



54.6044, 55.9873, 51.3572



49.7459, 55.9873, 57.0981

Rectangle

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



51.8479, 55.9873, 71.6923



55.0663, 55.9873, 71.0208



54.6044, 55.9873, 51.3572



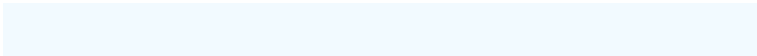
51.4042, 55.9873, 51.8984

Sweetspot

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



51.8496, 55.9896, 71.6936



88.8128, 94.2594, 108.1207



52.9257, 61.8467, 60.6308



18.8281, 20.0071, 23.1194



0.0000, 0.0000, 0.0000



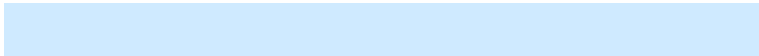
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8496, 55.9896, 71.6936



73.2075, 79.5224, 106.0987



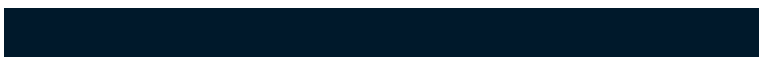
48.2833, 48.8571, 70.5048



12.3304, 13.1843, 15.8325



11.7399, 11.7415, 40.1007



0.7893, 0.8707, 2.4458

Inverse Universe

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



54.6821, 51.5152, 61.7075



78.3599, 71.6343, 87.8775



59.4294, 64.3462, 53.0049



12.7200, 12.5395, 14.4657



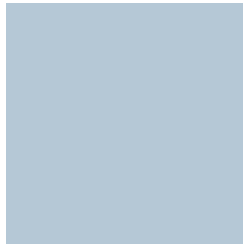
18.9846, 9.5302, 12.4889



1.1861, 0.5912, 0.9692

Previews

White Background



This preview shows how the XYZ color 51.8479, 55.9873, 71.6923 looks on a white background.

Color Contrast Check

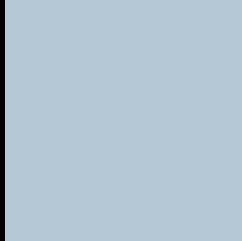
Large Text (above 18pt) WCAG AA × Fail

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 51.8479, 55.9873, 71.6923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

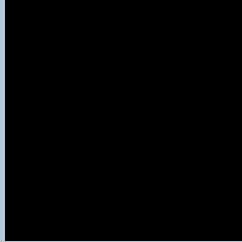
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

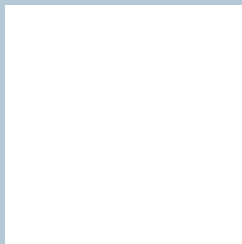
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8479, 55.9873, 71.6923

Background



This preview shows how black text looks on a background with the XYZ color 51.8479, 55.9873, 71.6923.

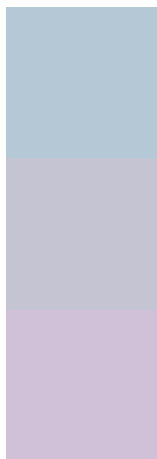


This preview shows how white text looks on a background with the XYZ color 51.8479, 55.9873,

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

51.8479, 55.9873, 71.6923

Protanopia

54.2627, 55.9188, 69.5615

Deuteranopia

57.2567, 56.0670, 72.7700



Tritanopia

52.1050, 56.0902, 73.0460

Trichromacy



Original Color

51.8479, 55.9873, 71.6923

Protanomaly

53.3358, 55.7623, 70.2395

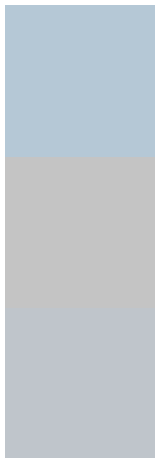
Deuteranomaly

55.0696, 55.9423, 72.1854

Tritanomaly

51.9761, 56.0386, 72.3671

Monochromacy



Original Color

51.8479, 55.9873, 71.6923

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2316, 55.3207, 64.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8479, 55.9873, 71.6923 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(181, 200, 214)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 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(181, 200, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.8479, 55.9873, 71.6923 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(181, 200, 214) }
```


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

```
.border{ border-color:rgb(181, 200, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 200, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 200, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 200, 214);  
box-shadow:4px 4px 4px 4px rgb(181, 200,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8479, 55.9873, 71.6923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 214) }
```

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

```
.background{ background-color: rgb(181,  
200, 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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