

Converting Colors

XYZ(51.4375, 52.2782, 79.3620)

Have a look what the booklet for
XYZ(51.4375, 52.2782, 79.3620)
contains.

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Color

**XYZ(51.4323, 52.2630,
79.3285)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BEE2
RGB	182, 190, 226
RGB Percent	71%, 75%, 89%
CMY	0.2863, 0.2549, 0.1137
CMYK	0.19, 0.16, 0.00, 0.11
HSL	229°, 43%, 80%
HSV	229°, 19%, 89%
XYZ	51.4323, 52.2630, 79.3285
YIQ	191.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

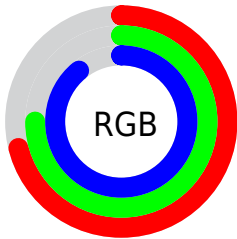
Format	Color
R _Y B	182, 189, 226
Decimal	11976418
CIE Lab	77.44, 4.70, -18.86
CIE LCh	77, 19.440, 283.978
Yxy	52.2630, 0.2810, 0.2856
Android (android.graphics.Color)	4290166498 (0xFFB6BEE2)
YUV	191.7120, 16.9040, -8.5174
Hunter-Lab	72.2932, 0.4792, -14.4547

Details

The XYZ color **51.4323, 52.2630, 79.3285** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.8793, 69.6888, 54.2889**, and the grayscale version is **49.8478, 52.4437, 57.1112**.

A 20% lighter version of the original color is **86.2657, 91.3087, 107.6854**, and **25.3496, 25.4987, 42.1138** is the 20% darker color. If you saturate the color by 10%, you get **42.7658, 42.2237, 77.8483**, and if you desaturate by 10%, it is **61.4714, 63.7668, 81.0207**.

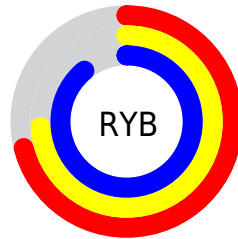
Distribution



Red (71%)

Green (75%)

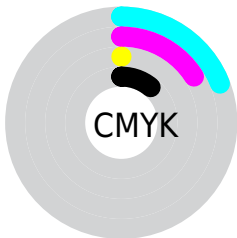
Blue (89%)



Red (71%)

Yellow (74%)

Blue (89%)

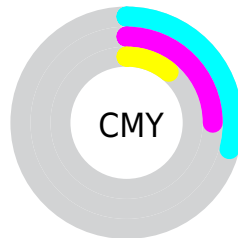


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4323, 52.2630, 79.3285 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 51.4323, 52.2630, 79.3285 by changing the saturation by 10% instead.

■ 51.4323, 52.2630,
79.3285

■ 51.4323, 52.2630,
79.3285

382.6011,
395.4511, 512.3139

■ 36.7752, 37.2148,
58.6430

■ 91.4727, 93.5190,
134.2241

■ 25.2064, 25.3738,
41.9077

117.5866,
120.4955, 169.2713

■ 16.3604, 16.3558,
28.7040

148.2503,
152.2169, 209.9428

■ 9.8720, 9.7763,
18.6134

183.8290,
189.0676, 256.6571

■ 5.3758, 5.2509,
11.2173

224.6880,
231.4320, 309.8329

■ 2.5064, 2.3952,
6.0972

271.1928,

■ 0.8985, 0.8234,

279.6944, 369.8886

2.8345

323.7087,
334.2393, 437.2427

■ 0.0000, 0.0000,
1.0108

■ 0.0000, 0.0000,
0.0000

■ 51.4323, 52.2630,
79.3285

■ 51.4323, 52.2630,
79.3285

■ 42.7658, 42.2237,
77.8483

■ 61.4714, 63.7668,
81.0207

■ 35.4070, 33.5832,
76.5684

■ 72.9348, 76.7843,
82.9291

■ 29.2925, 26.2804,
75.4811

■ 85.8772, 91.3705,
85.0624

■ 24.3521, 20.2470,
74.5769

■ 90.7276, 98.2711,
86.1387

■ 20.5081, 15.4086,
73.8456

■ 17.6732, 11.6826,
73.2758

■ 15.7458, 8.9751,
72.8548

■ 14.5737, 7.1608,
72.5664

■ 14.5241, 7.0840,
72.5542

Harmonies

Analogous

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



47.7154, 52.2630, 79.0915



51.4323, 52.2630, 79.3285



54.8385, 52.2630, 73.0544

Triad

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



51.4323, 52.2630, 79.3285



55.0325, 52.2630, 43.7658



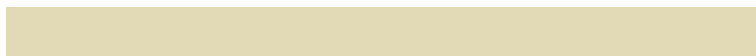
43.0764, 52.2630, 51.4070

Complementary

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



51.4323, 52.2630, 79.3285



64.8793, 69.6888, 54.2889

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.



44.8451, 52.2630, 43.3312



51.4323, 52.2630, 79.3285



51.6863, 52.2630, 39.3127

Square

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



51.4323, 52.2630, 79.3285



56.9866, 52.2630, 52.0730



47.9570, 52.2630, 39.1643



43.0161, 52.2630, 62.0282

Rectangle

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



51.4323, 52.2630, 79.3285



56.4229, 52.2630, 66.4302



47.9570, 52.2630, 39.1643



43.4867, 52.2630, 48.3378

Sweetspot

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



51.4339, 52.2651, 79.3297



85.7794, 89.4847, 107.3590



59.1349, 69.3972, 76.5631



18.1533, 18.9180, 22.9447



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.



51.4339, 52.2651, 79.3297



63.2229, 63.6364, 103.5586



53.2041, 50.6749, 78.9294



13.1527, 13.6444, 17.3281



8.3480, 4.1656, 41.4124



0.6385, 0.4084, 2.8904

Inverse Universe

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



57.3875, 53.3436, 55.9893



72.3235, 65.4037, 67.8544



62.8114, 71.7780, 54.8012



13.8085, 13.7410, 14.7619



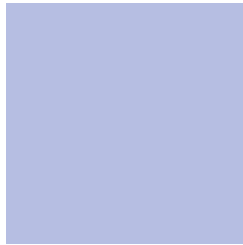
18.1539, 9.3286, 2.2103



1.2885, 0.6587, 0.3123

Previews

White Background



This preview shows how the XYZ color 51.4323, 52.2630, 79.3285 looks on a white background.

Color Contrast Check

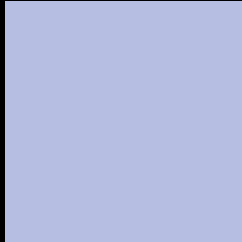
Large Text (above 18pt) WCAG AA × Fail

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 51.4323, 52.2630, 79.3285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

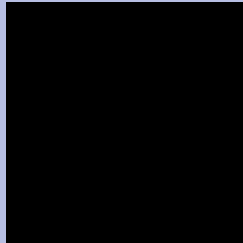
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4323, 52.2630, 79.3285

Background



This preview shows how black text looks on a background with the XYZ color 51.4323, 52.2630, 79.3285.



This preview shows how white text looks on a background with the XYZ color 51.4323, 52.2630,

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

51.4323, 52.2630, 79.3285

Protanopia

51.6922, 52.0765, 79.2788

Deuteranopia

53.3737, 52.2932, 79.9535



Tritanopia

49.0455, 52.2777, 67.1801

Trichromacy



Original Color

51.4323, 52.2630, 79.3285

Protanomaly

51.4535, 51.9535, 79.2676

Deuteranomaly

52.5874, 52.2039, 79.9777

Tritanomaly

49.9378, 52.3089, 71.7546

Monochromacy



Original Color

51.4323, 52.2630, 79.3285

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2689, 52.3126, 64.5746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4323, 52.2630, 79.3285 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(182, 190, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 190, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 226) }
```

Border

The CSS property to change the border of an element to XYZ 51.4323, 52.2630, 79.3285 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(182, 190, 226) }
```


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

```
.border{ border-color:rgb(182, 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(182, 190, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4323, 52.2630, 79.3285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 226) }
```

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

```
.background{ background-color: rgb(182,  
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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