

Converting Colors

XYZ(52.9786, 55.4002, 80.1038)

Have a look what the booklet for
XYZ(52.9786, 55.4002, 80.1038)
contains.

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Color

**XYZ(52.9851, 55.3686,
79.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C5E2
RGB	182, 197, 226
RGB Percent	71%, 77%, 89%
CMY	0.2863, 0.2274, 0.1137
CMYK	0.19, 0.13, 0.00, 0.11
HSL	220°, 43%, 80%
HSV	220°, 19%, 89%
XYZ	52.9851, 55.3686, 79.8461
YIQ	195.8210, -18.2490, 5.8390

Conversions

Conversions Part 2

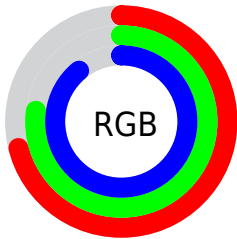
Format	Color
RYB	182, 193, 226
Decimal	11978210
CIELab	79.25, 0.93, -16.13
CIELCh	79, 16.152, 273.305
Yxy	55.3686, 0.2815, 0.2942
Android (android.graphics.Color)	4290168290 (0xFFB6C5E2)
YUV	195.8210, 14.8782, -12.1210
Hunter-Lab	74.4101, -3.1134, -11.5344

Details

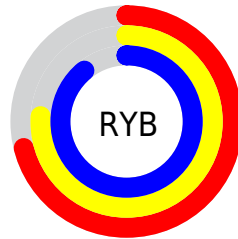
The XYZ color **52.9851, 55.3686, 79.8461** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.1022, 66.1346, 53.6966**, and the grayscale version is **52.2850, 55.0079, 59.9036**.

A 20% lighter version of the original color is **88.7517, 96.2808, 108.5141**, and **26.2264, 27.2523, 42.4060** is the 20% darker color. If you saturate the color by 10%, you get **44.8561, 46.4041, 78.5451**, and if you desaturate by 10%, it is **62.3130, 65.4500, 81.3013**.

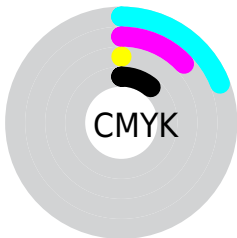
Distribution



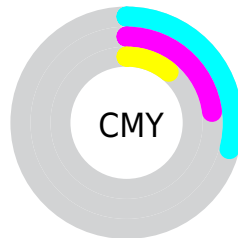
- Red (71%)
- Green (77%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9851, 55.3686, 79.8461 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 52.9851, 55.3686, 79.8461 by changing the saturation by 10% instead.

■ 52.9851, 55.3686,
79.8461

■ 52.9851, 55.3686,
79.8461

388.4898,
407.3076, 514.1071

■ 38.0183, 39.6969,
59.0663

■ 93.7481, 98.0808,
134.9588

■ 26.1742, 27.3023,
42.2461

120.2750,
125.8901, 170.1287

■ 17.0874, 17.8004,
28.9671

151.3860,
158.5141, 210.9325

■ 10.3925, 10.8068,
18.8105

187.4465,
196.3371, 257.7886

■ 5.7242, 5.9371,
11.3580

228.8217,
239.7436, 311.1155

■ 2.7172, 2.8068,
6.1910

275.8771,

■ 1.0060, 1.0317,

289.1179, 371.3319

2.8909

328.9780,
344.8445, 438.8563

■ 0.0000, 0.0000,
1.0392

■ 0.0000, 0.0000,
0.0000

■ 52.9851, 55.3686,
79.8461

■ 52.9851, 55.3686,
79.8461

■ 44.8561, 46.4041,
78.5451

■ 62.3130, 65.4500,
81.3013

■ 37.8700, 38.5092,
77.3895

■ 72.8826, 76.6798,
82.9118

■ 31.9738, 31.6430,
76.3749

■ 84.7404, 89.0968,
84.6835

■ 27.1081, 25.7589,
75.4956

■ 90.7276, 98.2711,
86.1388

■ 23.2071, 20.8066,
74.7453

■ 20.1970, 16.7303,
74.1172

■ 17.9916, 13.4667,
73.6035

■ 16.4564, 10.9263,
73.1940

■ 16.3856, 10.8070,
73.1747

Harmonies

Analogous

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



49.8850, 55.3686, 77.6163



52.9851, 55.3686, 79.8461



56.1109, 55.3686, 76.4089

Triad

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



52.9851, 55.3686, 79.8461



57.9897, 55.3686, 51.0376



47.2699, 55.3686, 52.6438

Complementary

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



52.9851, 55.3686, 79.8461



63.1022, 66.1346, 53.6966

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.



49.2889, 55.3686, 46.6091



52.9851, 55.3686, 79.8461



55.4660, 55.3686, 45.7505

Square

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



52.9851, 55.3686, 79.8461



59.0736, 55.3686, 59.2672



52.2689, 55.3686, 44.2152



46.6658, 55.3686, 61.3184

Rectangle

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



52.9851, 55.3686, 79.8461



57.7651, 55.3686, 71.5532



52.2689, 55.3686, 44.2152



47.8014, 55.3686, 50.2702

Sweetspot

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



52.9868, 55.3709, 79.8473



86.5106, 90.9473, 107.6027



58.1966, 69.0219, 71.6217



18.3257, 19.2628, 23.0022



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.



52.9868, 55.3709, 79.8473



65.5511, 68.2928, 104.3347



51.3437, 49.7158, 78.8424



13.3322, 14.0035, 17.3879



9.4470, 6.3636, 41.7787



0.7359, 0.6033, 2.9229

Inverse Universe

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



58.1714, 53.6572, 60.1168



73.4986, 65.8738, 74.0427



64.9748, 72.8933, 54.9024



13.8991, 13.7773, 15.2390



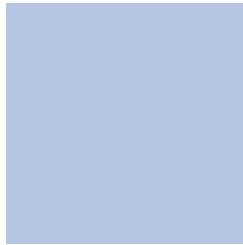
18.7086, 9.5504, 5.1313



1.3377, 0.6784, 0.5713

Previews

White Background



This preview shows how the XYZ color 52.9851, 55.3686, 79.8461 looks on a white background.

Color Contrast Check

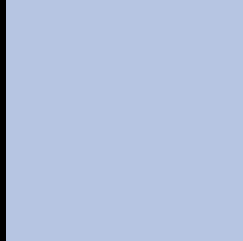
Large Text (above 18pt) WCAG AA × Fail

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 52.9851, 55.3686, 79.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

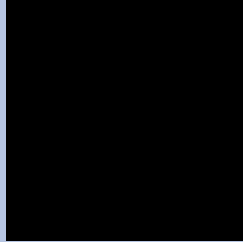
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9851, 55.3686, 79.8461

Background



This preview shows how black text looks on a background with the XYZ color 52.9851, 55.3686, 79.8461.



This preview shows how white text looks on a background with the XYZ color 52.9851, 55.3686,

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

52.9851, 55.3686, 79.8461

Protanopia

54.4555, 55.4884, 78.3612

Deuteranopia

56.3153, 55.0870, 80.3378



Tritanopia

51.5116, 55.4564, 72.2792

Trichromacy



Original Color

52.9851, 55.3686, 79.8461

Protanomaly

54.0696, 55.6075, 79.1177

Deuteranomaly

54.9274, 55.0234, 80.3986

Tritanomaly

52.0363, 55.3264, 74.9543

Monochromacy



Original Color

52.9851, 55.3686, 79.8461

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4883, 55.0612, 66.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9851, 55.3686, 79.8461 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, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 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, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 226) }
```

Border

The CSS property to change the border of an element to XYZ 52.9851, 55.3686, 79.8461 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, 197, 226) }
```


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

```
.border{ border-color:rgb(182, 197, 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, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9851, 55.3686, 79.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 226) }
```

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

```
.background{ background-color: rgb(182,  
197, 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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