

Converting Colors

XYZ(52.5854, 50.3394, 79.6180)

Have a look what the booklet for
XYZ(52.5854, 50.3394, 79.6180)
contains.

XYZ(52.5854, 50.3394, 79.6180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.5854, 50.3394,
79.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B6E3
RGB	193, 182, 227
RGB Percent	76%, 71%, 89%
CMY	0.2431, 0.2863, 0.1098
CMYK	0.15, 0.20, 0.00, 0.11
HSL	255°, 45%, 80%
HSV	255°, 20%, 89%
XYZ	52.5854, 50.3394, 79.6180
YIQ	190.4190, -7.8890, 16.3270

Conversions

Conversions Part 2

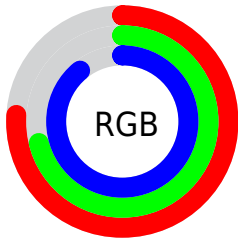
Format	Color
R_{YB}	193, 182, 227
Decimal	12695267
CIE _{Lab}	76.28, 12.72, -21.08
CIE _{LCh}	76, 24.625, 301.105
Yxy	50.3394, 0.2881, 0.2758
Android (android.graphics.Color)	4290885347 (0xFFC1B6E3)
YUV	190.4190, 18.0344, 2.2635
Hunter-Lab	70.9503, 8.1339, -16.8681

Details

The XYZ color **52.5854, 50.3394, 79.6180** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.2332, 72.9158, 54.9470**, and the grayscale version is **49.0889, 51.6453, 56.2417**.

A 20% lighter version of the original color is **88.0489, 88.6931, 107.0865**, and **25.9441, 24.1680, 42.3272** is the 20% darker color. If you saturate the color by 10%, you get **44.1865, 39.6598, 78.0001**, and if you desaturate by 10%, it is **62.2482, 62.7917, 81.5131**.

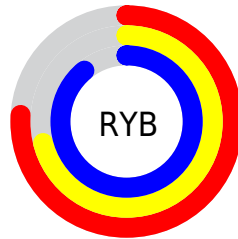
Distribution



Red (76%)

Green (71%)

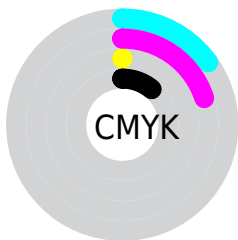
Blue (89%)



Red (76%)

Yellow (71%)

Blue (89%)

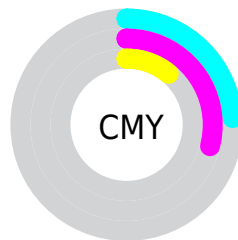


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5854, 50.3394, 79.6180 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 52.5854, 50.3394, 79.6180 by changing the saturation by 10% instead.

■ 52.5854, 50.3394,
79.6180

■ 52.5854, 50.3394,
79.6180

386.9794,
387.9917, 513.3173

■ 37.6980, 35.6831,
58.8797

■ 93.1631, 90.6775,
134.6351

■ 25.9246, 24.1896,
42.0969

119.5842,
117.1282, 169.7510

■ 16.8996, 15.4743,
28.8511

150.5806,
148.2792, 210.4965

■ 10.2578, 9.1529,
18.7236

186.5177,
184.5148, 257.2901

■ 5.6338, 4.8411,
11.2959

227.7607,
226.2194, 310.5505

■ 2.6622, 2.1543,
6.1496

274.6751,

■ 0.9778, 0.6949,

273.7776, 370.6962

2.8660

327.6262,
327.5735, 438.1456

■ 0.0000, 0.0000,
1.0266

■ 0.0000, 0.0000,
0.0000

■ 52.5854, 50.3394,
79.6180

■ 52.5854, 50.3394,
79.6180

■ 44.1865, 39.6598,
78.0001

■ 62.2482, 62.7917,
81.5131

■ 36.9931, 30.6652,
76.6431

■ 73.2203, 77.0865,
83.6939

■ 30.9495, 23.2698,
75.5342

■ 85.5507, 93.2974,
86.1731

■ 25.9932, 17.3777,
74.6581

■ 90.8653, 98.3261,
86.8636

■ 22.0557, 12.8824,
73.9980

■ 19.0599, 9.6630,
73.5345

■ 16.9168, 7.5771,
73.2448

■ 15.4887, 6.3895,
73.0908

■ 15.4674, 6.3720,
73.0886

Harmonies

Analogous

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



48.0177, 50.3394, 84.3979



52.5854, 50.3394, 79.6180



56.0558, 50.3394, 68.0517

Triad

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



52.5854, 50.3394, 79.6180



52.2699, 50.3394, 35.4119



39.4997, 50.3394, 55.3033

Complementary

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



52.5854, 50.3394, 79.6180



64.2332, 72.9158, 54.9470

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.



40.4799, 50.3394, 43.4099



52.5854, 50.3394, 79.6180



47.6749, 50.3394, 33.0997

Square

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



52.5854, 50.3394, 79.6180



55.8655, 50.3394, 42.6863



43.4004, 50.3394, 35.7799



40.6334, 50.3394, 69.0384

Rectangle

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



52.5854, 50.3394, 79.6180



57.1738, 50.3394, 58.8413



43.4004, 50.3394, 35.7799



39.5924, 50.3394, 50.9692

Sweetspot

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



52.5870, 50.3415, 79.6191



86.2359, 88.4967, 107.1442



57.8423, 64.8610, 82.1447



18.2609, 18.6855, 22.8942



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.



52.5870, 50.3415, 79.6191



63.5234, 59.2347, 102.6931



58.6190, 53.4511, 79.9014



13.9111, 14.0564, 18.1243



9.1090, 3.7618, 42.6292



0.7557, 0.3206, 3.1540

Inverse Universe

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



60.8028, 54.7467, 72.3304



76.2217, 66.0484, 91.2019



58.1623, 69.7862, 54.6629



14.8366, 14.5518, 17.3401



22.8392, 11.2699, 23.8459



1.7238, 0.8472, 1.9520

Previews

White Background



This preview shows how the XYZ color 52.5854, 50.3394, 79.6180 looks on a white background.

Color Contrast Check

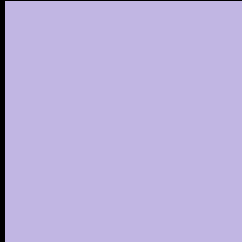
Large Text (above 18pt) WCAG AA × Fail

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 52.5854, 50.3394, 79.6180 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 52.5854, 50.3394, 79.6180

Background



This preview shows how black text looks on a background with the XYZ color 52.5854, 50.3394, 79.6180.



This preview shows how white text looks on a background with the XYZ color 52.5854, 50.3394,

79.6180.

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

52.5854, 50.3394, 79.6180

Protanopia

50.2019, 50.2960, 81.9251

Deuteranopia

51.4991, 50.3918, 79.6853



Tritanopia

49.2992, 50.5765, 62.4222

Trichromacy



Original Color

52.5854, 50.3394, 79.6180

Protanomaly

51.0203, 50.4223, 81.1722

Deuteranomaly

51.7849, 50.2318, 79.6394

Tritanomaly

50.2170, 50.2982, 68.0346

Monochromacy



Original Color

52.5854, 50.3394, 79.6180

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.0357, 50.9288, 63.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5854, 50.3394, 79.6180 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(193, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 227)  
}
```

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(193, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 227) }
```

Border

The CSS property to change the border of an element to XYZ 52.5854, 50.3394, 79.6180 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(193, 182, 227) }
```


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

```
.border{ border-color:rgb(193, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5854, 50.3394, 79.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 227) }
```

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

```
.background{ background-color: rgb(193,  
182, 227) }
```

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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