

Converting Colors

XYZ(54.7575, 54.8948, 79.8872)

Have a look what the booklet for
XYZ(54.7575, 54.8948, 79.8872)
contains.

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Color

**XYZ(54.7898, 54.9684,
79.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C1E2
RGB	193, 193, 226
RGB Percent	76%, 76%, 89%
CMY	0.2431, 0.2431, 0.1137
CMYK	0.15, 0.15, 0.00, 0.11
HSL	240°, 36%, 82%
HSV	240°, 15%, 89%
XYZ	54.7898, 54.9684, 79.6737
YIQ	196.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

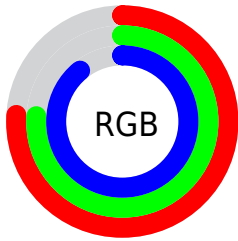
Format	Color
R_{YB}	193, 193, 226
Decimal	12698082
CIE _{Lab}	79.02, 6.54, -16.39
CIE _{LCh}	79, 17.650, 291.759
Yxy	54.9684, 0.2892, 0.2902
Android (android.graphics.Color)	4290888162 (0xFFC1C1E2)
YUV	196.7620, 14.4143, -3.2993
Hunter-Lab	74.1407, 2.1649, -11.8163

Details

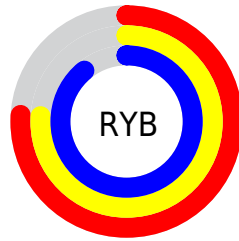
The XYZ color **54.7898, 54.9684, 79.6737** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.1864, 74.4115, 61.2225**, and the grayscale version is **52.8493, 55.6015, 60.5501**.

A 20% lighter version of the original color is **91.3500, 95.2954, 108.1869**, and **27.3762, 27.1854, 42.3325** is the 20% darker color. If you saturate the color by 10%, you get **44.8432, 42.9838, 77.8856**, and if you desaturate by 10%, it is **66.3835, 68.9381, 81.7599**.

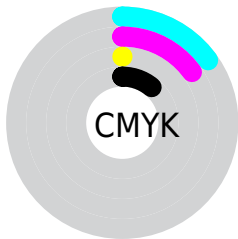
Distribution



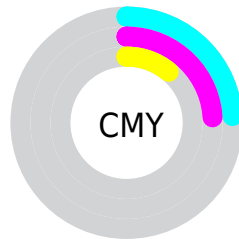
- Red (76%)
- Green (76%)
- Blue (89%)



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



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7898, 54.9684, 79.6737 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 54.7898, 54.9684, 79.6737 by changing the saturation by 10% instead.

■ 54.7898, 54.9684,
79.6737

■ 54.7898, 54.9684,
79.6737

395.2640,
405.7921, 513.5102

■ 39.4666, 39.3764,
58.9253

□ 96.3830, 97.4947,
134.7141

■ 27.3053, 27.0527,
42.1334

123.3838,
125.1977, 169.8432

■ 17.9404, 17.6128,
28.8794

155.0078,
157.7066, 210.6030

■ 11.0066, 10.6724,
18.7448

191.6204,
195.4057, 257.4119

■ 6.1386, 5.8470,
11.3111

233.5870,
238.6794, 310.6885

■ 2.9710, 2.7523,
6.1597

281.2729,

■ 1.1385, 1.0038,

287.9121, 370.8515

2.8721

335.0435,
343.4882, 438.3192

■ 0.0569, 0.0000,
1.0297

■ 0.0000, 0.0000,
0.0000

■ 54.7898, 54.9684,
79.6737

■ 54.7898, 54.9684,
79.6737

■ 44.8432, 42.9838,
77.8856

■ 66.3835, 68.9381,
81.7599

■ 36.4642, 32.8878,
76.3785

■ 79.6889, 84.9700,
84.1531

■ 29.5746, 24.5862,
75.1392

■ 90.7276, 98.2711,
86.1387

■ 24.0871, 17.9741,
74.1522

■ 19.9055, 12.9355,
73.4000

■ 16.9215, 9.3399,
72.8633

■ 15.0096, 7.0360,
72.5193

■ 14.0162, 5.8388,
72.3406

■ 13.7278, 5.4914,
72.2887

Harmonies

Analogous

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



51.2837, 54.9684, 81.1083



54.7898, 54.9684, 79.6737



57.7322, 54.9684, 72.6402

Triad

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



54.7898, 54.9684, 79.6737



56.5389, 54.9684, 45.9080



45.8425, 54.9684, 57.1213

Complementary

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



54.7898, 54.9684, 79.6737



68.1864, 74.4115, 61.2225

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.



47.1186, 54.9684, 48.6590



54.7898, 54.9684, 79.6737



53.2199, 54.9684, 42.6762

Square

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



54.7898, 54.9684, 79.6737



58.7731, 54.9684, 52.9632



49.7818, 54.9684, 43.6237



46.2206, 54.9684, 67.3120

Rectangle

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



54.7898, 54.9684, 79.6737



58.9266, 54.9684, 66.1124



49.7818, 54.9684, 43.6237



46.0901, 54.9684, 53.9984

Sweetspot

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



54.7915, 54.9707, 79.6749



88.2286, 91.7808, 107.6731



62.8419, 71.1920, 81.9866



18.6188, 19.3246, 22.9987



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.



54.7915, 54.9707, 79.6749



67.1985, 66.4413, 103.8905



59.0790, 57.1803, 79.8755



12.9522, 13.2435, 17.2613



7.8316, 3.1328, 41.2403



0.5429, 0.2172, 2.8586

Inverse Universe

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



60.0610, 58.1604, 58.5152



75.5864, 71.5186, 70.2090



63.4157, 71.9529, 60.9994



13.7073, 13.7006, 14.2290



17.8933, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 54.7898, 54.9684, 79.6737 looks on a white background.

Color Contrast Check

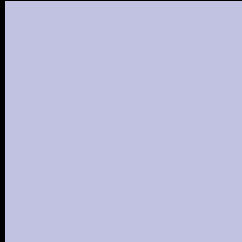
Large Text (above 18pt) WCAG AA × Fail

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 54.7898, 54.9684, 79.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

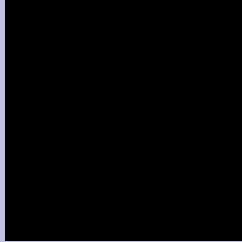
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7898, 54.9684, 79.6737

Background



This preview shows how black text looks on a background with the XYZ color 54.7898, 54.9684, 79.6737.



This preview shows how white text looks on a background with the XYZ color 54.7898, 54.9684,

79.6737.

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

54.7898, 54.9684, 79.6737

Protanopia

54.3921, 55.0768, 80.4372

Deuteranopia

56.1777, 55.0320, 79.6129



Tritanopia

52.7330, 55.1302, 69.4899

Trichromacy



Original Color

54.7898, 54.9684, 79.6737

Protanomaly

54.6428, 55.2060, 80.4489

Deuteranomaly

55.6031, 55.0606, 79.6487

Tritanomaly

53.3956, 55.0644, 72.7800

Monochromacy



Original Color

54.7898, 54.9684, 79.6737

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8900, 55.7697, 67.5988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7898, 54.9684, 79.6737 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, 193, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 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(193, 193, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.7898, 54.9684, 79.6737 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, 193, 226) }
```


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

```
.border{ border-color:rgb(193, 193, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7898, 54.9684, 79.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 226) }
```

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

```
.background{ background-color: rgb(193,  
193, 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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