

Converting Colors

XYZ(54.9181, 55.0545, 78.5379)

Have a look what the booklet for
XYZ(54.9181, 55.0545, 78.5379)
contains.

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Color

**XYZ(54.7726, 54.9911,
78.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1E0
RGB	194, 193, 224
RGB Percent	76%, 76%, 88%
CMY	0.2392, 0.2431, 0.1216
CMYK	0.13, 0.14, 0.00, 0.12
HSL	242°, 33%, 82%
HSV	242°, 14%, 88%
XYZ	54.7726, 54.9911, 78.2485
YIQ	196.8330, -9.3550, 9.8530

Conversions

Conversions Part 2

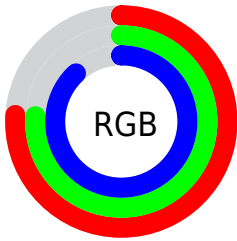
Format	Color
RYB	194, 193, 224
Decimal	12763616
CIELab	79.04, 6.44, -15.29
CIELCh	79, 16.591, 292.852
Yxy	54.9911, 0.2913, 0.2925
Android (android.graphics.Color)	4290953696 (0xFFC2C1E0)
YUV	196.8330, 13.3933, -2.4845
Hunter-Lab	74.1560, 2.0695, -10.6529

Details

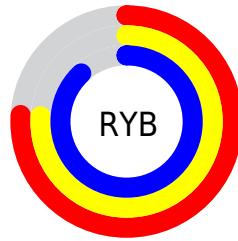
The XYZ color **54.7726, 54.9911, 78.2485** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7148, 72.8510, 61.0001**, and the grayscale version is **52.8974, 55.6522, 60.6052**.

A 20% lighter version of the original color is **91.7093, 95.4806, 108.2037**, and **27.3547, 27.1962, 41.3438** is the 20% darker color. If you saturate the color by 10%, you get **45.0271, 43.1657, 76.4805**, and if you desaturate by 10%, it is **66.0831, 68.7395, 80.3070**.

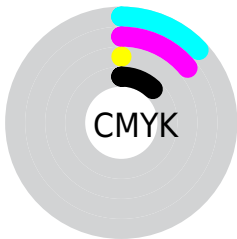
Distribution



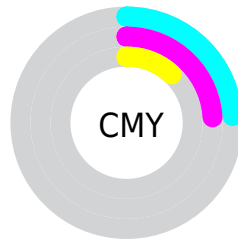
- Red (76%)
- Green (76%)
- Blue (88%)



- Red (76%)
- Yellow (76%)
- Blue (88%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7726, 54.9911, 78.2485 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 54.7726, 54.9911, 78.2485 by changing the saturation by 10% instead.

■ 54.7726, 54.9911,
78.2485

■ 54.7726, 54.9911,
78.2485

395.1998,
405.8782, 508.5606

■ 39.4528, 39.3946,
57.7605

■ 96.3580, 97.5279,
132.6894

■ 27.2945, 27.0668,
41.2027

123.3543,
125.2370, 167.4794

■ 17.9322, 17.6234,
28.1566

154.9734,
157.7524, 207.8738

■ 11.0007, 10.6800,
18.2037

191.5808,
195.4586, 254.2911

■ 6.1346, 5.8521,
10.9254

233.5418,
238.7398, 307.1499

■ 2.9686, 2.7553,
5.9031

281.2217,

■ 1.1372, 1.0054,

287.9806, 366.8687

2.7184

334.9859,
343.5652, 433.8661

■ 0.0559, 0.0000,
0.9527

■ 0.0000, 0.0000,
0.0000

■ 54.7726, 54.9911,
78.2485

■ 54.7726, 54.9911,
78.2485

■ 45.0271, 43.1657,
76.4805

■ 66.0831, 68.7395,
80.3070

■ 36.7730, 33.1710,
74.9864

■ 79.0180, 84.4840,
82.6642

■ 29.9383, 24.9178,
73.7536

■ 90.4547, 98.1619,
84.7015

■ 24.4429, 18.3064,
72.7671

■ 20.1989, 13.2270,
72.0103

■ 17.1079, 9.5567,
71.4648

■ 15.0567, 7.1534,
71.1090

■ 13.9093, 5.8454,
70.9170

■ 13.5449, 5.4284,
70.8557

Harmonies

Analogous

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



51.4811, 54.9911, 79.7959



54.7726, 54.9911, 78.2485



57.4944, 54.9911, 71.5443

Triad

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



54.7726, 54.9911, 78.2485



56.1969, 54.9911, 46.5176



46.2160, 54.9911, 57.6411

Complementary

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



54.7726, 54.9911, 78.2485



66.7148, 72.8510, 61.0001

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.



47.3672, 54.9911, 49.5507



54.7726, 54.9911, 78.2485



53.0616, 54.9911, 43.5820

Square

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



54.7726, 54.9911, 78.2485



58.3407, 54.9911, 53.0870



49.8398, 54.9911, 44.6310



46.6309, 54.9911, 67.2204

Rectangle

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



54.7726, 54.9911, 78.2485



58.5735, 54.9911, 65.4002



49.8398, 54.9911, 44.6310



46.4309, 54.9911, 54.6719

Sweetspot

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



54.7743, 54.9934, 78.2497



88.3429, 91.8394, 107.6784



61.9655, 69.7546, 80.7199



18.6475, 19.3394, 23.0000



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.



54.7743, 54.9934, 78.2497



68.9596, 68.2850, 104.1535



58.8257, 57.0820, 78.4393



12.9926, 13.2642, 17.2631



7.9024, 3.1691, 41.2436



0.5623, 0.2272, 2.8595

Inverse Universe

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



63.1316, 59.3173, 77.9368



82.5223, 75.3027, 103.6203



62.2907, 70.5703, 60.7931



14.2750, 13.9276, 17.2182



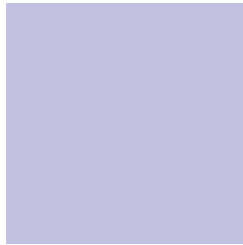
25.1763, 12.1375, 39.1896



1.7512, 0.8437, 2.7484

Previews

White Background



This preview shows how the XYZ color 54.7726, 54.9911, 78.2485 looks on a white background.

Color Contrast Check

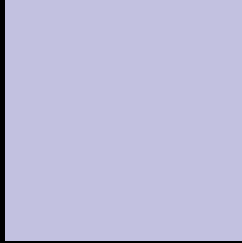
Large Text (above 18pt) WCAG AA × Fail

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 54.7726, 54.9911, 78.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

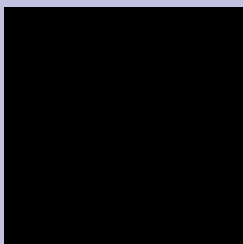
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7726, 54.9911, 78.2485

Background



This preview shows how black text looks on a background with the XYZ color 54.7726, 54.9911, 78.2485.



This preview shows how white text looks on a background with the XYZ color 54.7726, 54.9911,

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

54.7726, 54.9911, 78.2485

Protanopia

54.1176, 54.9670, 78.9915

Deuteranopia

56.1727, 55.0609, 78.1882



Tritanopia

53.0112, 54.9398, 69.4385

Trichromacy



Original Color

54.7726, 54.9911, 78.2485

Protanomaly

54.3683, 55.0962, 79.0033

Deuteranomaly

55.5929, 55.0869, 78.2238

Tritanomaly

53.6788, 54.8789, 72.7293

Monochromacy



Original Color

54.7726, 54.9911, 78.2485

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7674, 55.7206, 66.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7726, 54.9911, 78.2485 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(194, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 224)  
}
```

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(194, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.7726, 54.9911, 78.2485 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(194, 193, 224) }
```


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

```
.border{ border-color:rgb(194, 193, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7726, 54.9911, 78.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 224) }
```

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

```
.background{ background-color: rgb(194,  
193, 224) }
```

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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