

Converting Colors

XYZ(54.6423, 55.4611, 77.6280)

Have a look what the booklet for
XYZ(54.6423, 55.4611, 77.6280)
contains.

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Color

**XYZ(54.8267, 55.6954,
77.6726)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C3DF
RGB	193, 195, 223
RGB Percent	76%, 76%, 87%
CMY	0.2431, 0.2353, 0.1255
CMYK	0.13, 0.13, 0.00, 0.13
HSL	236°, 32%, 82%
HSV	236°, 13%, 87%
XYZ	54.8267, 55.6954, 77.6726
YIQ	197.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

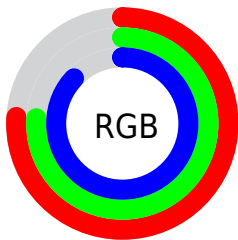
Format	Color
R_{YB}	193, 195, 223
Decimal	12698591
CIE _{Lab}	79.44, 4.84, -14.15
CIE _{LCh}	79, 14.956, 288.876
Yxy	55.6954, 0.2913, 0.2959
Android (android.graphics.Color)	4290888671 (0xFFC1C3DF)
YUV	197.5940, 12.5252, -4.0289
Hunter-Lab	74.6294, 0.5343, -9.4672

Details

The XYZ color **54.8267, 55.6954, 77.6726** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9138, 71.2507, 60.7320**, and the grayscale version is **53.3625, 56.1415, 61.1381**.

A 20% lighter version of the original color is **92.2847, 97.1648, 108.4985**, and **27.2402, 27.3659, 40.8922** is the 20% darker color. If you saturate the color by 10%, you get **45.2225, 44.2990, 75.9799**, and if you desaturate by 10%, it is **65.9413, 68.8382, 79.6245**.

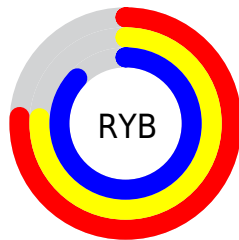
Distribution



Red (76%)

Green (76%)

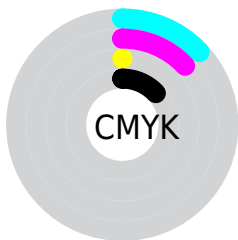
Blue (87%)



Red (76%)

Yellow (76%)

Blue (87%)

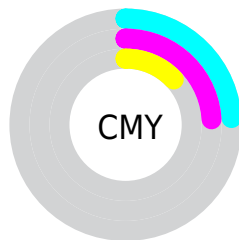


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8267, 55.6954, 77.6726 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 54.8267, 55.6954, 77.6726 by changing the saturation by 10% instead.

■ 54.8267, 55.6954,
77.6726

■ 54.8267, 55.6954,
77.6726

395.4018,
408.5426, 506.5527

■ 39.4963, 39.9588,
57.2902

□ 96.4368, 98.5591,
131.8702

■ 27.3285, 27.5064,
40.8274

123.4472,
126.4549, 166.5224

■ 17.9579, 17.9539,
27.8655

155.0816,
159.1726, 206.7684

■ 11.0193, 10.9169,
17.9862

191.7055,
197.0965, 253.0266

■ 6.1472, 6.0110,
10.7707

233.6840,
240.6111, 305.7156

■ 2.9763, 2.8518,
5.8007

281.3827,

■ 1.1412, 1.0548,

290.1007, 365.2539

2.6574

335.1668,
345.9497, 432.0601

■ 0.0592, 0.0000,
0.9219

■ 0.0000, 0.0000,
0.0000

■ 54.8267, 55.6954,
77.6726

■ 54.8267, 55.6954,
77.6726

■ 45.2225, 44.2990,
75.9799

■ 65.9413, 68.8382,
79.6245

■ 37.0587, 34.5687,
74.5321

■ 78.6224, 83.7891,
81.8419

■ 30.2674, 26.4286,
73.3188

■ 90.3194, 98.1078,
83.9892

■ 24.7729, 19.7940,
72.3278

■ 20.4924, 14.5724,
71.5456

■ 17.3337, 10.6610,
70.9571

■ 15.1907, 7.9431,
70.5454

■ 13.9375, 6.2810,
70.2906

■ 13.4887, 5.6662,
70.1956

Harmonies

Analogous

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



51.8307, 55.6954, 78.3569



54.8267, 55.6954, 77.6726



57.4061, 55.6954, 72.1807

Triad

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



54.8267, 55.6954, 77.6726



56.8255, 55.6954, 49.0206



47.4714, 55.6954, 57.5083

Complementary

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



54.8267, 55.6954, 77.6726



65.9138, 71.2507, 60.7320

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.



48.7057, 55.6954, 50.4050



54.8267, 55.6954, 77.6726



54.0586, 55.6954, 45.8224

Square

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



54.8267, 55.6954, 77.6726



58.5899, 55.6954, 55.4492



51.0909, 55.6954, 46.3041



47.6596, 55.6954, 66.1510

Rectangle

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



54.8267, 55.6954, 77.6726



58.5070, 55.6954, 66.7992



51.0909, 55.6954, 46.3041



47.7318, 55.6954, 54.8769

Sweetspot

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



54.8284, 55.6977, 77.6738



88.4345, 92.1927, 107.7417



61.3656, 69.3076, 78.2021



18.6706, 19.4283, 23.0159



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.



54.8284, 55.6977, 77.6738



70.6331, 71.1325, 104.6149



57.7053, 56.5192, 77.6808



13.0251, 13.3894, 17.2856



7.9599, 3.3894, 41.2830



0.5779, 0.2873, 2.8702

Inverse Universe

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



59.3530, 57.7693, 59.6548



77.8516, 74.4602, 75.8625



62.7352, 70.4017, 60.7356



13.7442, 13.7153, 14.4229



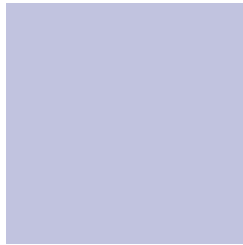
17.9580, 9.2502, 1.1787



1.2580, 0.6465, 0.1513

Previews

White Background



This preview shows how the XYZ color 54.8267, 55.6954, 77.6726 looks on a white background.

Color Contrast Check

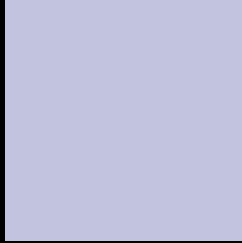
Large Text (above 18pt) WCAG AA × Fail

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 54.8267, 55.6954, 77.6726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

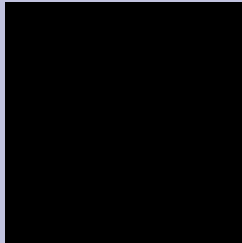
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8267, 55.6954, 77.6726

Background



This preview shows how black text looks on a background with the XYZ color 54.8267, 55.6954, 77.6726.



This preview shows how white text looks on a background with the XYZ color 54.8267, 55.6954,

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

54.8267, 55.6954, 77.6726

Protanopia

54.5726, 55.5644, 77.6608

Deuteranopia

56.9328, 55.7776, 78.2865



Tritanopia

53.3358, 55.7623, 70.2395

Trichromacy



Original Color

54.8267, 55.6954, 77.6726

Protanomaly

54.5726, 55.5644, 77.6608

Deuteranomaly

56.0777, 55.6639, 78.3096

Tritanomaly

53.8728, 55.6442, 72.8667

Monochromacy



Original Color

54.8267, 55.6954, 77.6726

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9937, 56.1733, 67.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8267, 55.6954, 77.6726 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, 195, 223)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 223)  
}
```

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, 195, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.8267, 55.6954, 77.6726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

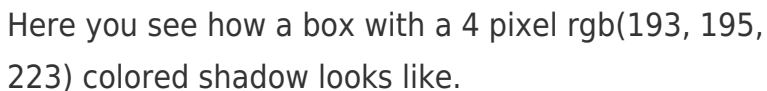
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 195, 223) }
```


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

```
.border{ border-color:rgb(193, 195, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 195, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 195, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 195, 223); box-shadow:4px 4px 4px 4px rgb(193, 195, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8267, 55.6954, 77.6726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 223) }
```

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

```
.background{ background-color: rgb(193,  
195, 223) }
```

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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