

Converting Colors

XYZ(55.9185, 55.4356, 99.8484)

Have a look what the booklet for
XYZ(55.9185, 55.4356, 99.8484)
contains.

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Color

**XYZ(55.9185, 55.4356,
99.8484)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C2FC
RGB	181, 194, 252
RGB Percent	71%, 76%, 99%
CMY	0.2902, 0.2392, 0.0118
CMYK	0.28, 0.23, 0.00, 0.01
HSL	229°, 92%, 85%
HSV	229°, 28%, 99%
XYZ	55.9185, 55.4356, 99.8484
YIQ	196.7250, -26.3660, 15.2820

Conversions

Conversions Part 2

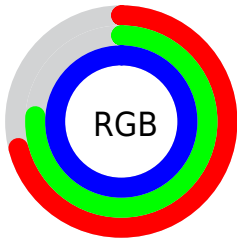
Format	Color
RYB	181, 192, 252
Decimal	11911932
CIELab	79.29, 8.22, -30.01
CIELCh	79, 31.118, 285.324
Yxy	55.4356, 0.2648, 0.2625
Android (android.graphics.Color)	4290102012 (0xFFB5C2FC)
YUV	196.7250, 27.2506, -13.7908
Hunter-Lab	74.4551, 3.7636, -27.3926

Details

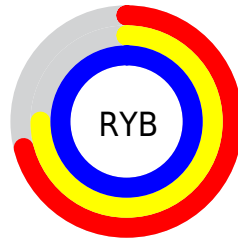
The XYZ color **55.9185, 55.4356, 99.8484** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3527, 85.7652, 56.0897**, and the grayscale version is **52.7590, 55.5065, 60.4466**.

A 20% lighter version of the original color is **87.4955, 93.7684, 108.0953**, and **28.1276, 27.5019, 55.4557** is the 20% darker color. If you saturate the color by 10%, you get **46.2670, 44.1244, 98.1748**, and if you desaturate by 10%, it is **67.2770, 68.5713, 101.7861**.

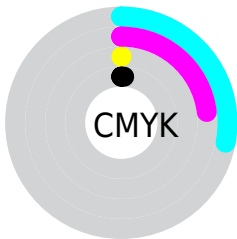
Distribution



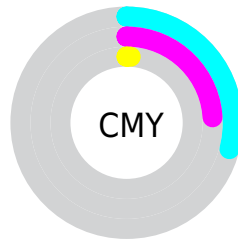
- Red (71%)
- Green (76%)
- Blue (99%)



- Red (71%)
- Yellow (75%)
- Blue (99%)



- Cyan (28%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9185, 55.4356, 99.8484 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 55.9185, 55.4356, 99.8484 by changing the saturation by 10% instead.

■ 55.9185, 55.4356,
99.8484

■ 55.9185, 55.4356,
99.8484

399.4643,
407.5610, 580.9490

■ 40.3743, 39.7506,
75.5578

■ 98.0259, 98.1789,
162.9989

■ 28.0160, 27.3441,
55.5655

125.3199,
126.0059, 202.6958

■ 18.4783, 17.8318,
39.4530

157.2611,
158.6491, 248.3653

■ 11.3957, 10.8293,
26.8018

194.2150,
196.4929, 300.4258

■ 6.4029, 5.9522,
17.1933

236.5469,
239.9215, 359.2958

■ 3.1345, 2.8160,
10.2090

284.6222,

■ 1.2253, 1.0365,

289.3195, 425.3941

5.4303

338.8062,
345.0712, 499.1389

■ 0.1262, 0.0000,
2.4388

■ 0.0000, 0.0000,
0.8074

■ 55.9185, 55.4356,
99.8484

■ 55.9185, 55.4356,
99.8484

■ 46.2670, 44.1244,
98.1748

■ 67.2770, 68.5713,
101.7861

■ 38.2334, 34.5497,
96.7501

■ 80.4147, 83.6015,
103.9948

■ 31.7288, 26.6257,
95.5634

94.5709, 99.8083,
106.3770

■ 26.6532, 20.2564,
94.6015

■ 22.8941, 15.3358,
93.8499

■ 20.3215, 11.7433,
93.2921

■ 18.7650, 9.3311,
92.9085

■ 18.5535, 8.9937,
92.8545

Harmonies

Analogous

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



49.7136, 55.4356, 99.9888



55.9185, 55.4356, 99.8484



61.6727, 55.4356, 87.8284

Triad

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



55.9185, 55.4356, 99.8484



61.5665, 55.4356, 39.1086



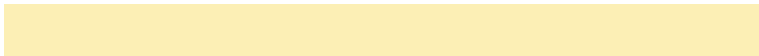
41.9333, 55.4356, 52.0807

Complementary

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



55.9185, 55.4356, 99.8484



79.3527, 85.7652, 56.0897

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.



44.6246, 55.4356, 39.3142



55.9185, 55.4356, 99.8484



55.7826, 55.4356, 32.8894

Square

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



55.9185, 55.4356, 99.8484



65.1043, 55.4356, 51.7422



49.5880, 55.4356, 32.9563



41.9633, 55.4356, 69.8851

Rectangle

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



55.9185, 55.4356, 99.8484



64.3383, 55.4356, 75.8409



49.5880, 55.4356, 32.9563



42.5398, 55.4356, 47.1435

Sweetspot

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



55.9203, 55.4378, 99.8497



82.8513, 86.1588, 106.8713



69.4453, 85.6768, 94.5267



17.2720, 17.9156, 22.7977



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.



55.9203, 55.4378, 99.8497



51.4395, 49.9320, 101.5344



58.8565, 52.8422, 99.1939



16.5401, 17.1570, 21.8252



9.7408, 4.8371, 48.3938



0.9698, 0.5832, 4.5046

Inverse Universe

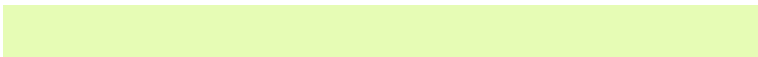
The Inverse Universe completely reimagines the original color for something new.



66.4079, 57.6399, 58.6668



63.9683, 52.8442, 52.2727



75.6304, 89.7013, 57.0457



17.3744, 17.2771, 18.5613



21.2087, 10.8992, 2.5415



1.9984, 1.0231, 0.4151

Previews

White Background



This preview shows how the XYZ color 55.9185, 55.4356, 99.8484 looks on a white background.

Color Contrast Check

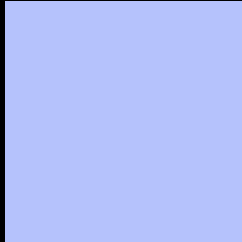
Large Text (above 18pt) WCAG AA × Fail

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 55.9185, 55.4356, 99.8484 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 55.9185, 55.4356, 99.8484

Background



This preview shows how black text looks on a background with the XYZ color 55.9185, 55.4356, 99.8484.



This preview shows how white text looks on a background with the XYZ color 55.9185, 55.4356,

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

55.9185, 55.4356, 99.8484

Protanopia

55.9185, 55.4356, 99.8484

Deuteranopia

56.6482, 55.4825, 99.8190



Tritanopia

50.5045, 55.2651, 72.9711

Trichromacy



Original Color

55.9185, 55.4356, 99.8484

Protanomaly

55.9185, 55.4356, 99.8484

Deuteranomaly

56.4078, 55.3586, 99.8077

Tritanomaly

52.4684, 55.3924, 82.0552

Monochromacy



Original Color

55.9185, 55.4356, 99.8484

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7502, 55.5660, 73.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9185, 55.4356, 99.8484 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(181, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 252)  
}
```

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(181, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.9185, 55.4356, 99.8484 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(181, 194, 252) }
```


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

```
.border{ border-color:rgb(181, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9185, 55.4356, 99.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 252) }
```

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

```
.background{ background-color: rgb(181,  
194, 252) }
```

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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