

Converting Colors

XYZ(55.5292, 57.2987, 99.6119)

Have a look what the booklet for
XYZ(55.5292, 57.2987, 99.6119)
contains.

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Color

**XYZ(55.5224, 57.2723,
99.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC8FB
RGB	174, 200, 251
RGB Percent	68%, 78%, 98%
CMY	0.3176, 0.2157, 0.0157
CMYK	0.31, 0.20, 0.00, 0.02
HSL	220°, 91%, 83%
HSV	220°, 31%, 98%
XYZ	55.5224, 57.2723, 99.3951
YIQ	198.0400, -31.8670, 10.3490

Conversions

Conversions Part 2

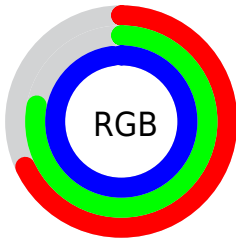
Format	Color
RYB	174, 193, 251
Decimal	11454715
CIELab	80.33, 2.75, -27.92
CIELCh	80, 28.057, 275.615
Yxy	57.2723, 0.2617, 0.2699
Android (android.graphics.Color)	4289644795 (0xFFAEC8FB)
YUV	198.0400, 26.1093, -21.0831
Hunter-Lab	75.6785, -1.4787, -24.8958

Details

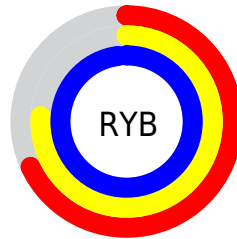
The XYZ color **55.5224, 57.2723, 99.3951** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.3497, 77.4162, 51.0702**, and the grayscale version is **53.5626, 56.3520, 61.3673**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.7622, 28.4459, 55.0663** is the 20% darker color. If you saturate the color by 10%, you get **46.8014, 47.3694, 97.9443**, and if you desaturate by 10%, it is **65.7105, 68.5556, 101.0370**.

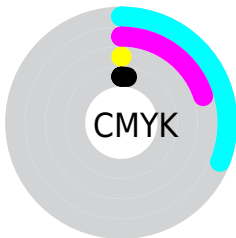
Distribution



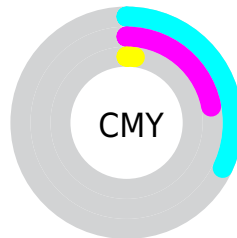
- Red (68%)
- Green (78%)
- Blue (98%)



- Red (68%)
- Yellow (76%)
- Blue (98%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (32%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5224, 57.2723, 99.3951 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 55.5224, 57.2723, 99.3951 by changing the saturation by 10% instead.

■ 55.5224, 57.2723,
99.3951

■ 55.5224, 57.2723,
99.3951

397.9934,
414.4689, 579.4817

■ 40.0556, 41.2239,
75.1814

■ 97.4498, 100.8624,
162.3703

■ 27.7663, 28.4941,
55.2589

124.6411,
129.1729, 201.9688

■ 18.2891, 18.6984,
39.2090

156.4714,
162.3395, 247.5328

■ 11.2587, 11.4526,
26.6133

193.3058,
200.7467, 299.4806

■ 6.3097, 6.3721,
17.0531

235.5099,
244.7789, 358.2308

■ 3.0767, 3.0726,
10.1100

283.4490,

■ 1.1945, 1.1698,

294.8203, 424.2021

5.3654

337.4884,
351.2555, 497.8128

■ 0.1020, 0.0368,
2.4008

■ 0.0000, 0.0000,
0.7869

■ 55.5224, 57.2723,
99.3951

■ 55.5224, 57.2723,
99.3951

■ 46.8014, 47.3694,
97.9443

■ 65.7105, 68.5556,
101.0370

■ 39.4705, 38.7834,
96.6734

■ 77.4268, 81.2659,
102.8728

■ 33.4532, 31.4556,
95.5761

■ 90.7354, 95.4554,
104.9102

■ 28.6634, 25.3194,
94.6442

■ 94.4128, 99.7451,
105.5444

■ 25.0032, 20.3010,
93.8685

■ 22.3574, 16.3160,
93.2387

■ 20.6423, 13.4241,
92.7709

Harmonies

Analogous

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



50.0056, 57.2723, 95.7993



55.5224, 57.2723, 99.3951



61.1177, 57.2723, 91.7413

Triad

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



55.5224, 57.2723, 99.3951



63.9082, 57.2723, 45.7073



44.9910, 57.2723, 50.2007

Complementary

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



55.5224, 57.2723, 99.3951



74.3497, 77.4162, 51.0702

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.



48.2592, 57.2723, 40.0348



55.5224, 57.2723, 99.3951



59.1199, 57.2723, 37.7775

Square

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



55.5224, 57.2723, 99.3951



66.1726, 57.2723, 59.3186



53.3631, 57.2723, 35.8996



44.1756, 57.2723, 65.5032

Rectangle

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



55.5224, 57.2723, 99.3951



64.0595, 57.2723, 81.9647



53.3631, 57.2723, 35.8996



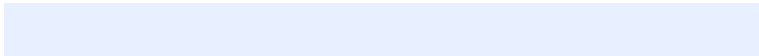
45.8274, 57.2723, 46.1604

Sweetspot

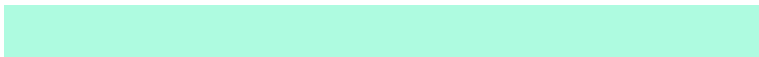
The Sweet Spot groups the original color and five complimentary colors.



55.5243, 57.2746, 99.3964



82.4461, 86.5865, 106.9752



65.4154, 83.3788, 83.2039



17.2381, 18.0943, 22.8340



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.



55.5243, 57.2746, 99.3964



51.6394, 52.6845, 102.0552



52.6907, 47.6217, 97.6826



16.7620, 17.6009, 21.8991



10.9704, 7.2964, 48.8037



1.1098, 0.8632, 4.5513

Inverse Universe

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



65.3466, 54.9531, 61.8089



63.4949, 50.4560, 56.5585



77.8871, 90.4806, 53.4055



17.4864, 17.3219, 19.1512



21.8294, 11.1475, 5.8100



2.0691, 1.0514, 0.7872

Previews

White Background



This preview shows how the XYZ color 55.5224, 57.2723, 99.3951 looks on a white background.

Color Contrast Check

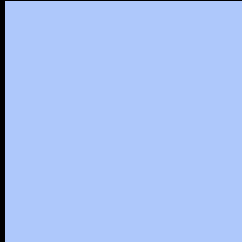
Large Text (above 18pt) WCAG AA × Fail

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 55.5224, 57.2723, 99.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

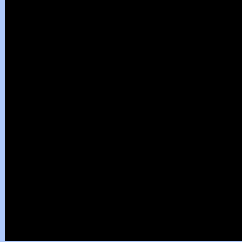
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5224, 57.2723, 99.3951

Background



This preview shows how black text looks on a background with the XYZ color 55.5224, 57.2723, 99.3951.



This preview shows how white text looks on a background with the XYZ color 55.5224, 57.2723,

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

55.5224, 57.2723, 99.3951

Protanopia

57.3148, 57.2112, 97.6446

Deuteranopia

58.5717, 57.1349, 100.0365



Tritanopia

51.1646, 57.2614, 77.4631

Trichromacy



Original Color

55.5224, 57.2723, 99.3951

Protanomaly

56.7408, 57.2354, 98.4995

Deuteranomaly

57.5445, 57.2751, 100.1177

Tritanomaly

52.6415, 57.1411, 85.3456

Monochromacy



Original Color

55.5224, 57.2723, 99.3951

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9341, 56.6754, 73.7425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5224, 57.2723, 99.3951 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(174, 200, 251)` looks like.

```
.text, #text, p{  
    color:rgb(174, 200, 251)  
}
```

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(174, 200, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 200, 251) }
```

Border

The CSS property to change the border of an element to XYZ 55.5224, 57.2723, 99.3951 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(174, 200, 251) }
```


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

```
.border{ border-color:rgb(174, 200, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 200, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 200, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 200, 251); box-shadow:4px 4px 4px 4px rgb(174, 200, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5224, 57.2723, 99.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 200, 251) }
```

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

```
.background{ background-color: rgb(174,  
200, 251) }
```

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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