

Converting Colors

XYZ(55.1959, 55.5433, 99.6881)

Have a look what the booklet for
XYZ(55.1959, 55.5433, 99.6881)
contains.

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Color

**XYZ(55.2173, 55.4056,
99.8795)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C3FC
RGB	177, 195, 252
RGB Percent	69%, 76%, 99%
CMY	0.3059, 0.2353, 0.0118
CMYK	0.30, 0.23, 0.00, 0.01
HSL	226°, 93%, 84%
HSV	226°, 30%, 99%
XYZ	55.2173, 55.4056, 99.8795
YIQ	196.1160, -29.0250, 13.9110

Conversions

Conversions Part 2

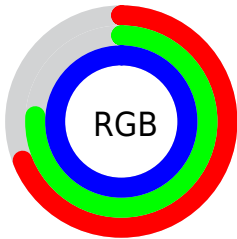
Format	Color
R_{YB}	177, 192, 252
Decimal	11650044
CIE _{Lab}	79.27, 6.54, -30.06
CIE _{LCh}	79, 30.765, 282.272
Yxy	55.4056, 0.2623, 0.2632
Android (android.graphics.Color)	4289840124 (0xFFB1C3FC)
YUV	196.1160, 27.5508, -16.7647
Hunter-Lab	74.4349, 2.1537, -27.4530

Details

The XYZ color **55.2173, 55.4056, 99.8795** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5046, 82.7164, 53.4778**, and the grayscale version is **52.3928, 55.1213, 60.0271**.

A 20% lighter version of the original color is **86.4789, 93.7068, 108.1370**, and **27.6917, 27.4971, 55.4777** is the 20% darker color. If you saturate the color by 10%, you get **45.9793, 44.6774, 98.2966**, and if you desaturate by 10%, it is **66.0691, 67.7853, 101.6980**.

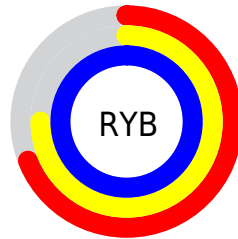
Distribution



Red (69%)

Green (76%)

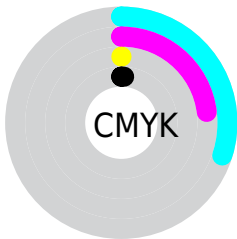
Blue (99%)



Red (69%)

Yellow (75%)

Blue (99%)

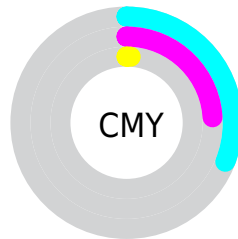


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2173, 55.4056, 99.8795 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 55.2173, 55.4056, 99.8795 by changing the saturation by 10% instead.

■ 55.2173, 55.4056,
99.8795

■ 55.2173, 55.4056,
99.8795

396.8581,
407.4476, 581.0496

■ 39.8103, 39.7266,
75.5836

■ 97.0057, 98.1350,
163.0420

■ 27.5742, 27.3254,
55.5865

124.1178,
125.9541, 202.7457

■ 18.1437, 17.8178,
39.4697

155.8623,
158.5887, 248.4224

■ 11.1535, 10.8192,
26.8147

192.6046,
196.4231, 300.4906

■ 6.2383, 5.9454,
17.2029

234.7099,
239.8419, 359.3689

■ 3.0325, 2.8119,
10.2158

282.5437,

■ 1.1710, 1.0343,

289.2292, 425.4758

5.4348

336.4713,
344.9697, 499.2299

■ 0.0833, 0.0000,
2.4414

■ 0.0000, 0.0000,
0.8089

■ 55.2173, 55.4056,
99.8795

■ 55.2173, 55.4056,
99.8795

■ 45.9793, 44.6774,
98.2966

■ 66.0691, 67.7853,
101.6980

■ 38.2706, 35.5225,
96.9358

■ 78.6030, 81.8771,
103.7574

■ 32.0068, 27.8659,
95.7881

■ 92.8897, 97.7464,
106.0675

■ 27.0927, 21.6236,
94.8422

■ 94.5709, 99.8083,
106.3769

■ 23.4213, 16.7023,
94.0858

■ 20.8673, 12.9962,
93.5051

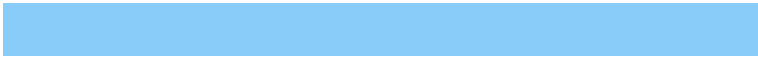
■ 19.2440, 10.3634,
93.0824

■ 19.2121, 10.3108,
93.0740

Harmonies

Analogous

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



49.1391, 55.4056, 98.7154



55.2173, 55.4056, 99.8795



61.0304, 55.4056, 89.0451

Triad

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



55.2173, 55.4056, 99.8795



61.9135, 55.4056, 40.2790



42.1733, 55.4056, 50.5836

Complementary

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



55.2173, 55.4056, 99.8795



77.5046, 82.7164, 53.4778

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.



45.0947, 55.4056, 38.5613



55.2173, 55.4056, 99.8795



56.3480, 55.4056, 33.4584

Square

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



55.2173, 55.4056, 99.8795



65.0935, 55.4056, 53.4056



50.1855, 55.4056, 32.8979



41.9224, 55.4056, 67.8226

Rectangle

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



55.2173, 55.4056, 99.8795



63.8477, 55.4056, 77.5121



50.1855, 55.4056, 32.8979



42.8644, 55.4056, 45.8909

Sweetspot

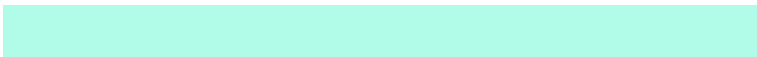
The Sweet Spot groups the original color and five complimentary colors.



55.2191, 55.4078, 99.8808



81.7910, 85.2763, 106.7569



67.6870, 84.8666, 90.0929



17.0776, 17.7733, 22.7804



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.



55.2191, 55.4078, 99.8808



50.5929, 49.8231, 101.5580



55.9945, 50.1768, 98.8302



16.6212, 17.3193, 21.8522



10.1022, 5.5601, 48.5143



1.0142, 0.6720, 4.5194

Inverse Universe

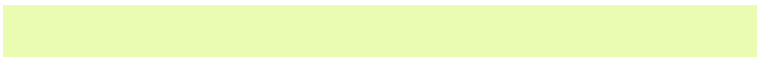
The Inverse Universe completely reimagines the original color for something new.



65.7189, 56.0817, 58.9931



63.1543, 51.0381, 52.5506



76.4335, 90.1620, 54.9715



17.4154, 17.2935, 18.7770



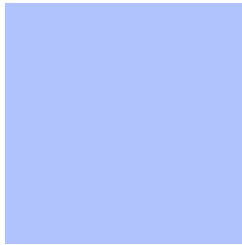
21.3912, 10.9722, 3.5024



2.0208, 1.0321, 0.5331

Previews

White Background



This preview shows how the XYZ color 55.2173, 55.4056, 99.8795 looks on a white background.

Color Contrast Check

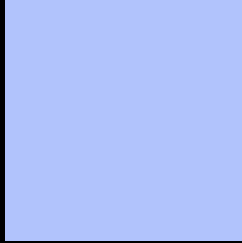
Large Text (above 18pt) WCAG AA × Fail

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 55.2173, 55.4056, 99.8795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

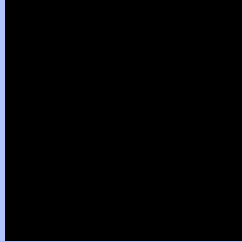
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2173, 55.4056, 99.8795

Background



This preview shows how black text looks on a background with the XYZ color 55.2173, 55.4056, 99.8795.



This preview shows how white text looks on a background with the XYZ color 55.2173, 55.4056,

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

55.2173, 55.4056, 99.8795

Protanopia

55.7604, 55.3724, 99.0158

Deuteranopia

56.8072, 55.5461, 100.6559



Tritanopia

49.9886, 55.3291, 73.6905

Trichromacy



Original Color

55.2173, 55.4056, 99.8795

Protanomaly

55.5268, 55.2519, 99.0049

Deuteranomaly

56.3128, 55.6205, 100.6963

Tritanomaly

51.9399, 55.4443, 82.8272

Monochromacy



Original Color

55.2173, 55.4056, 99.8795

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1209, 55.2565, 72.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2173, 55.4056, 99.8795 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(177, 195, 252)` looks like.

```
.text, #text, p{  
    color:rgb(177, 195, 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(177, 195, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 252) }
```

Border

The CSS property to change the border of an element to XYZ 55.2173, 55.4056, 99.8795 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(177, 195, 252) }
```


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

```
.border{ border-color:rgb(177, 195, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 195, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 195, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 195, 252);  
box-shadow:4px 4px 4px 4px rgb(177, 195,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2173, 55.4056, 99.8795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 252) }
```

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

```
.background{ background-color: rgb(177,  
195, 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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