

Converting Colors

XYZ(67.2819, 59.5927,
161.5131)

Have a look what the booklet for
XYZ(67.2819, 59.5927, 161.5131)
contains.

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Color

**XYZ(55.9424, 55.0632,
102.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1FF
RGB	180, 193, 255
RGB Percent	71%, 76%, 100%
CMY	0.2941, 0.2431, 0.0000
CMYK	0.29, 0.24, 0.00, 0.00
HSL	230°, 100%, 85%
HSV	230°, 29%, 100%
XYZ	55.9424, 55.0632, 102.2875
YIQ	196.1810, -27.6500, 16.5260

Conversions

Conversions Part 2

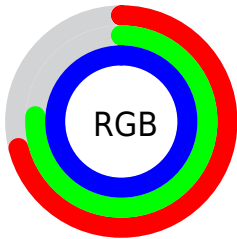
Format	Color
R _Y B	180, 191, 255
Decimal	11846143
CIE Lab	79.08, 9.21, -31.95
CIE LCh	79, 33.250, 286.072
Yxy	55.0632, 0.2623, 0.2582
Android (android.graphics.Color)	4290036223 (0xFFB4C1FF)
YUV	196.1810, 28.9978, -14.1907
Hunter-Lab	74.2046, 4.7121, -29.7852

Details

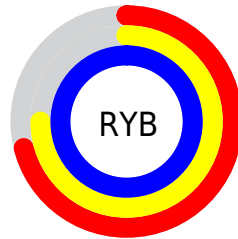
The XYZ color **55.9424, 55.0632, 102.2875** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2308, 88.0598, 55.8980**, and the grayscale version is **52.4227, 55.1528, 60.0614**.

A 20% lighter version of the original color is **86.8507, 92.9759, 107.9764**, and **28.0286, 27.1934, 57.1977** is the 20% darker color. If you saturate the color by 10%, you get **46.2106, 43.6156, 100.5908**, and if you desaturate by 10%, it is **67.4337, 68.4063, 104.2573**.

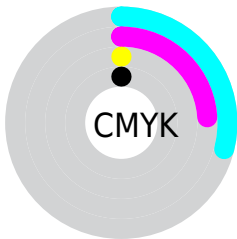
Distribution



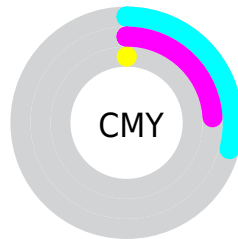
- Red (71%)
- Green (76%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9424, 55.0632, 102.2875 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 55.9424, 55.0632, 102.2875 by changing the saturation by 10% instead.

■ 55.9424, 55.0632,
102.2875

■ 55.9424, 55.0632,
102.2875

399.5529,
406.1515, 588.8112

■ 40.3936, 39.4523,
77.5848

■ 98.0607, 97.6335,
166.3764

■ 28.0311, 27.1118,
57.2185

125.3608,
125.3618, 206.5997

■ 18.4897, 17.6572,
40.7702

157.3087,
157.8980, 252.8336

■ 11.4039, 10.7042,
27.8212

194.2698,
195.6265, 305.4967

■ 6.4085, 5.8683,
17.9531

236.6094,
238.9317, 365.0074

■ 3.1380, 2.7651,
10.7472

284.6929,

■ 1.2272, 1.0104,

288.1980, 431.7844

5.7851

338.8856,
343.8098, 506.2461

■ 0.1277, 0.0000,
2.6482

■ 0.0000, 0.0000,
0.9172

■ 55.9424, 55.0632,
102.2875

■ 55.9424, 55.0632,
102.2875

■ 46.2106, 43.6156,
100.5908

■ 67.4337, 68.4063,
104.2573

■ 38.1454, 33.9705,
99.1542

■ 80.7613, 83.7198,
106.5107

■ 31.6528, 26.0360,
97.9649

95.0500, 100.0000,
108.9000

■ 26.6272, 19.7099,
97.0087

■ 22.9496, 14.8782,
96.2699

■ 20.4811, 11.4111,
95.7308

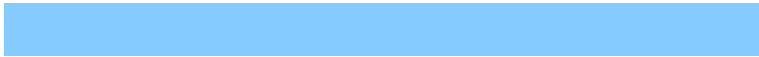
■ 19.0243, 9.1406,
95.3694

■ 18.9582, 9.0364,
95.3527

Harmonies

Analogous

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



49.3292, 55.0632, 102.7929



55.9424, 55.0632, 102.2875



62.0570, 55.0632, 88.9927

Triad

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



55.9424, 55.0632, 102.2875



61.6801, 55.0632, 37.3308



40.9199, 55.0632, 51.5950

Complementary

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



55.9424, 55.0632, 102.2875



81.2308, 88.0598, 55.8980

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.



43.6870, 55.0632, 38.0392



55.9424, 55.0632, 102.2875



55.4623, 55.0632, 31.0583

Square

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



55.9424, 55.0632, 102.2875



65.5557, 55.0632, 50.4109



48.8879, 55.0632, 31.2868



41.0247, 55.0632, 70.6324

Rectangle

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



55.9424, 55.0632, 102.2875



64.8646, 55.0632, 76.0018



48.8879, 55.0632, 31.2868



41.5343, 55.0632, 46.3417

Sweetspot

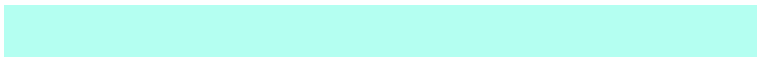
The Sweet Spot groups the original color and five complimentary colors.



55.9440, 55.0653, 102.2878



81.3485, 84.3913, 106.6094



70.4979, 87.5896, 96.6064



16.9693, 17.5568, 22.7444



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.



55.9440, 55.0653, 102.2878



50.2923, 48.4375, 101.3064



59.2061, 52.6665, 101.6529



17.2575, 17.8866, 22.7928



9.9796, 4.8687, 49.8484



1.0386, 0.6078, 4.8759

Inverse Universe

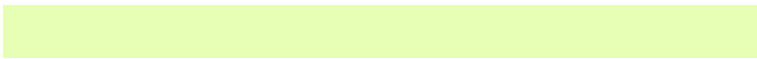
The Inverse Universe completely reimagines the original color for something new.



67.1881, 57.7545, 58.0607



63.1940, 51.7869, 50.5000



77.0347, 91.8462, 56.8500



18.1379, 18.0385, 19.3431



21.8254, 11.2195, 2.4652



2.1588, 1.1059, 0.4178

Previews

White Background



This preview shows how the XYZ color 55.9424, 55.0632, 102.2875 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 55.9424, 55.0632, 102.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

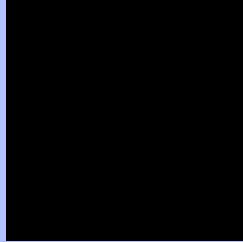
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9424, 55.0632, 102.2875

Background



This preview shows how black text looks on a background with the XYZ color 55.9424, 55.0632, 102.2875.



This preview shows how white text looks on a background with the XYZ color 55.9424, 55.0632,

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

55.9424, 55.0632, 102.2875

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.1910, 54.8644, 102.2360



Tritanopia

50.0622, 55.0371, 72.9504

Trichromacy



Original Color

55.9424, 55.0632, 102.2875

Protanomaly

55.7104, 54.9436, 102.2767

Deuteranomaly

55.9557, 54.7430, 102.2250

Tritanomaly

51.9284, 54.7596, 82.6957

Monochromacy



Original Color

55.9424, 55.0632, 102.2875

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2747, 54.9871, 73.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9424, 55.0632, 102.2875 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(180, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 255)  
}
```

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(180, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9424, 55.0632, 102.2875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

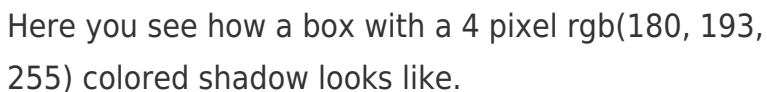
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 193, 255) }
```


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

```
.border{ border-color:rgb(180, 193, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9424, 55.0632, 102.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 255) }
```

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

```
.background{ background-color: rgb(180,  
193, 255) }
```

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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