

Converting Colors

XYZ(55.9250, 54.8103,
102.2396)

Have a look what the booklet for
XYZ(55.9250, 54.8103, 102.2396)
contains.

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Color

**XYZ(55.9557, 54.7430,
102.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C0FF
RGB	181, 192, 255
RGB Percent	71%, 75%, 100%
CMY	0.2902, 0.2470, 0.0000
CMYK	0.29, 0.25, 0.00, 0.00
HSL	231°, 100%, 85%
HSV	231°, 29%, 100%
XYZ	55.9557, 54.7430, 102.2250
YIQ	195.8930, -26.7790, 17.2610

Conversions

Conversions Part 2

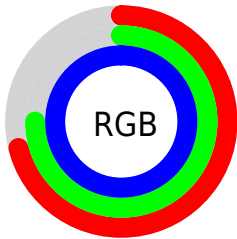
Format	Color
RYB	181, 191, 255
Decimal	11911423
CIELab	78.89, 10.03, -32.23
CIELCh	79, 33.755, 287.294
Yxy	54.7430, 0.2628, 0.2571
Android (android.graphics.Color)	4290101503 (0xFFB5C0FF)
YUV	195.8930, 29.1398, -13.0612
Hunter-Lab	73.9885, 5.5153, -30.1251

Details

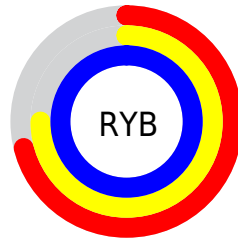
The XYZ color **55.9557, 54.7430, 102.2250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9315, 89.2976, 56.6359**, and the grayscale version is **52.2491, 54.9701, 59.8624**.

A 20% lighter version of the original color is **86.8773, 92.5319, 107.8893**, and **28.0298, 26.9781, 57.1560** is the 20% darker color. If you saturate the color by 10%, you get **46.0944, 43.0985, 100.4971**, and if you desaturate by 10%, it is **67.6176, 68.3619, 104.2391**.

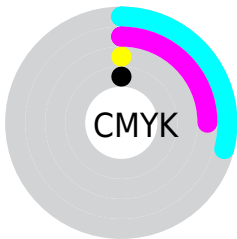
Distribution



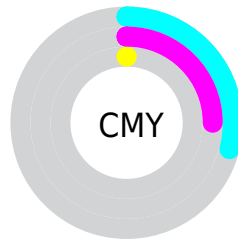
- Red (71%)
- Green (75%)
- Blue (100%)



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



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9557, 54.7430, 102.2250 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 55.9557, 54.7430, 102.2250 by changing the saturation by 10% instead.

■ 55.9557, 54.7430,
102.2250

■ 55.9557, 54.7430,
102.2250

399.6023,
404.9370, 588.6104

■ 40.4043, 39.1960,
77.5328

■ 98.0800, 97.1643,
166.2900

■ 28.0395, 26.9122,
57.1761

125.3836,
124.8074, 206.4998

■ 18.4960, 17.5073,
40.7363

157.3352,
157.2513, 252.7193

■ 11.4085, 10.5969,
27.7950

194.3003,
194.8804, 305.3670

■ 6.4116, 5.7964,
17.9335

236.6442,
238.0792, 364.8614

■ 3.1400, 2.7217,
10.7333

284.7323,

■ 1.2282, 0.9882,

287.2319, 431.6211

5.7759

338.9298,
342.7231, 506.0646

■ 0.1285, 0.0000,
2.6427

■ 0.0000, 0.0000,
0.9144

■ 55.9557, 54.7430,
102.2250

■ 55.9557, 54.7430,
102.2250

■ 46.0944, 43.0985,
100.4971

■ 67.6176, 68.3619,
104.2391

■ 37.9384, 33.3300,
99.0415

■ 81.1592, 84.0351,
106.5506

■ 31.3909, 25.3400,
97.8444

95.0500, 100.0000,
108.9000

■ 26.3433, 19.0196,
96.8904

■ 22.6732, 14.2474,
96.1627

■ 20.2380, 10.8849,
95.6421

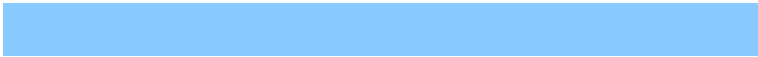
■ 18.8414, 8.7564,
95.3048

■ 18.7402, 8.6003,
95.2801

Harmonies

Analogous

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



49.2493, 54.7430, 103.3241



55.9557, 54.7430, 102.2250



62.0833, 54.7430, 88.2924

Triad

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



55.9557, 54.7430, 102.2250



61.2667, 54.7430, 36.3980



40.4497, 54.7430, 51.8539

Complementary

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



55.9557, 54.7430, 102.2250



81.9315, 89.2976, 56.6359

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.



43.1279, 54.7430, 37.9219



55.9557, 54.7430, 102.2250



54.9167, 54.7430, 30.3740

Square

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



55.9557, 54.7430, 102.2250



65.3256, 54.7430, 49.2976



48.2953, 54.7430, 30.8643



40.6758, 54.7430, 71.2593

Rectangle

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



55.9557, 54.7430, 102.2250



64.8426, 54.7430, 75.0107



48.2953, 54.7430, 30.8643



41.0299, 54.7430, 46.4691

Sweetspot

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



55.9573, 54.7451, 102.2253



81.1856, 84.0656, 106.5551



71.1309, 87.8698, 98.7204



16.9296, 17.4772, 22.7311



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.



55.9573, 54.7451, 102.2253



49.8472, 47.5473, 101.1581



60.2794, 53.5205, 101.7612



17.2209, 17.8134, 22.7806



9.8571, 4.6237, 49.8075



1.0212, 0.5731, 4.8701

Inverse Universe

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



67.2794, 58.1151, 57.5426



62.9693, 51.6970, 49.3169



76.4463, 91.5310, 57.3561



18.1194, 18.0311, 19.2459



21.7636, 11.1947, 2.1396



2.1501, 1.1024, 0.3716

Previews

White Background



This preview shows how the XYZ color 55.9557, 54.7430, 102.2250 looks on a white background.

Color Contrast Check

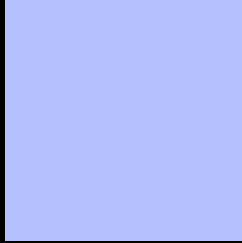
Large Text (above 18pt) WCAG AA × Fail

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 55.9557, 54.7430, 102.2250 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 55.9557, 54.7430, 102.2250

Background



This preview shows how black text looks on a background with the XYZ color 55.9557, 54.7430, 102.2250.



This preview shows how white text looks on a background with the XYZ color 55.9557, 54.7430,

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

55.9557, 54.7430, 102.2250

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.1910, 54.8644, 102.2360



Tritanopia

49.9227, 54.6374, 72.2048

Trichromacy



Original Color

55.9557, 54.7430, 102.2250

Protanomaly

55.7104, 54.9436, 102.2767

Deuteranomaly

56.1910, 54.8644, 102.2360

Tritanomaly

51.9274, 54.4231, 82.6308

Monochromacy



Original Color

55.9557, 54.7430, 102.2250

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5253, 55.1163, 73.4631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9557, 54.7430, 102.2250 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 192, 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(181, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9557, 54.7430, 102.2250 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, 192, 255) }
```


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

```
.border{ border-color:rgb(181, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9557, 54.7430, 102.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 255) }
```

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

```
.background{ background-color: rgb(181,  
192, 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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