

Converting Colors

XYZ(65.2345, 57.8813,
151.7957)

Have a look what the booklet for
XYZ(65.2345, 57.8813, 151.7957)
contains.

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Color

**XYZ(55.7549, 53.9920,
102.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BEFF
RGB	182, 190, 255
RGB Percent	71%, 75%, 100%
CMY	0.2863, 0.2549, 0.0000
CMYK	0.29, 0.25, 0.00, 0.00
HSL	233°, 100%, 86%
HSV	233°, 29%, 100%
XYZ	55.7549, 53.9920, 102.0906
YIQ	195.0180, -25.6330, 18.5190

Conversions

Conversions Part 2

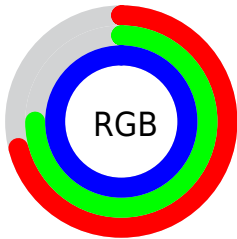
Format	Color
R _Y B	182, 189, 255
Decimal	11976447
CIE Lab	78.46, 11.41, -32.89
CIE LCh	78, 34.818, 289.132
Yxy	53.9920, 0.2632, 0.2549
Android (android.graphics.Color)	4290166527 (0xFFB6BEFF)
YUV	195.0180, 29.5711, -11.4168
Hunter-Lab	73.4792, 6.8543, -30.9409

Details

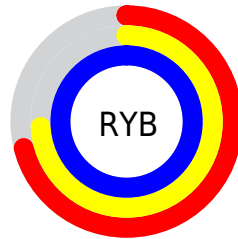
The XYZ color **55.7549, 53.9920, 102.0906** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9446, 91.1590, 57.4817**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **86.6024, 91.4823, 107.7011**, and **27.8911, 26.4806, 57.0673** is the 20% darker color. If you saturate the color by 10%, you get **45.7314, 42.0852, 100.3207**, and if you desaturate by 10%, it is **67.6442, 68.0003, 104.1679**.

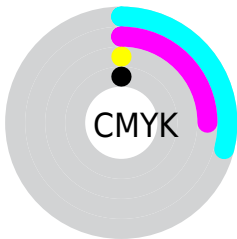
Distribution



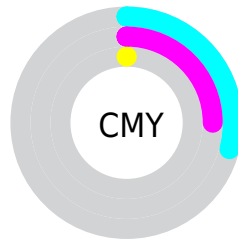
- Red (71%)
- Green (75%)
- Blue (100%)



- Red (71%)
- Yellow (74%)
- 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 55.7549, 53.9920, 102.0906 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 55.7549, 53.9920, 102.0906 by changing the saturation by 10% instead.

■ 55.7549, 53.9920,
102.0906

■ 55.7549, 53.9920,
102.0906

398.8572,
402.0795, 588.1786

■ 40.2427, 38.5953,
77.4210

■ 97.7880, 96.0625,
166.1041

■ 27.9129, 26.4450,
57.0849

125.0396,
123.5051, 206.2850

■ 18.4001, 17.1569,
40.6636

156.9350,
155.7317, 252.4736

■ 11.3390, 10.3464,
27.7386

193.8397,
193.1267, 305.0882

■ 6.3643, 5.6292,
17.8914

236.1188,
236.0747, 364.5475

■ 3.1106, 2.6210,
10.7034

284.1379,

■ 1.2125, 0.9372,

284.9598, 431.2700

5.7561

338.2622,
340.1667, 505.6741

■ 0.1162, 0.0000,
2.6310

■ 0.0000, 0.0000,
0.9084

■ 55.7549, 53.9920,
102.0906

■ 55.7549, 53.9920,
102.0906

■ 45.7314, 42.0852,
100.3207

■ 67.6442, 68.0003,
104.1679

■ 37.4740, 32.1723,
98.8425

■ 81.4826, 84.1984,
106.5651

■ 30.8808, 24.1454,
97.6407

95.0500, 100.0000,
108.9000

■ 25.8377, 17.8839,
96.6979

■ 22.2159, 13.2532,
95.9949

■ 19.8654, 10.0984,
95.5099

■ 18.5856, 8.2261,
95.2160

■ 18.4640, 8.0480,
95.1880

Harmonies

Analogous

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



48.8753, 53.9920, 104.1361



55.7549, 53.9920, 102.0906



61.9317, 53.9920, 87.0715

Triad

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



55.7549, 53.9920, 102.0906



60.4233, 53.9920, 34.6359



39.4437, 53.9920, 51.9617

Complementary

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



55.7549, 53.9920, 102.0906



82.9446, 91.1590, 57.4817

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.



41.9916, 53.9920, 37.4071



55.7549, 53.9920, 102.0906



53.8403, 53.9920, 28.9894

Square

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



55.7549, 53.9920, 102.0906



64.7882, 53.9920, 47.2758



47.1225, 53.9920, 29.8761



39.8572, 53.9920, 72.0322

Rectangle

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



55.7549, 53.9920, 102.0906



64.6291, 53.9920, 73.2681



47.1225, 53.9920, 29.8761



39.9726, 53.9920, 46.3539

Sweetspot

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



55.7565, 53.9941, 102.0910



80.9289, 83.5522, 106.4695



71.7612, 88.1491, 100.8108



16.8669, 17.3519, 22.7102



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.



55.7565, 53.9941, 102.0910



50.1434, 47.3398, 101.1024



61.3529, 54.3769, 101.8699



17.1632, 17.6981, 22.7614



9.6989, 4.3075, 49.7548



0.9941, 0.5190, 4.8611

Inverse Universe

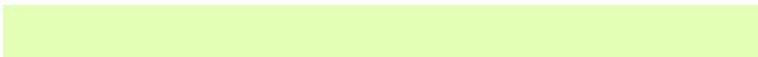
The Inverse Universe completely reimagines the original color for something new.



67.2634, 58.4352, 56.4513



63.3141, 52.5826, 48.8277



75.8881, 91.2314, 57.8676



18.0903, 18.0194, 19.0926



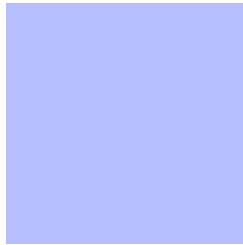
21.6838, 11.1628, 1.7193



2.1364, 1.0969, 0.2998

Previews

White Background



This preview shows how the XYZ color 55.7549, 53.9920, 102.0906 looks on a white background.

Color Contrast Check

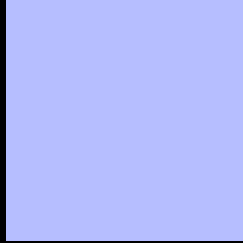
Large Text (above 18pt) WCAG AA × Fail

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 55.7549, 53.9920, 102.0906 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 55.7549, 53.9920, 102.0906

Background



This preview shows how black text looks on a background with the XYZ color 55.7549, 53.9920, 102.0906.

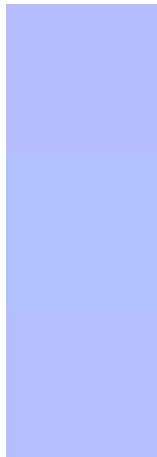


This preview shows how white text looks on a background with the XYZ color 55.7549, 53.9920,

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

55.7549, 53.9920, 102.0906

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.5032, 54.1849, 102.1411



Tritanopia

49.4379, 54.0765, 70.7829

Trichromacy



Original Color

55.7549, 53.9920, 102.0906

Protanomaly

55.2712, 54.0653, 102.1303

Deuteranomaly

55.7369, 54.3054, 102.1521

Tritanomaly

51.4232, 53.8618, 81.0849

Monochromacy



Original Color

55.7549, 53.9920, 102.0906

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8296, 54.0968, 73.3030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7549, 53.9920, 102.0906 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(182, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 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(182, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7549, 53.9920, 102.0906 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(182, 190, 255) }
```


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

```
.border{ border-color:rgb(182, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7549, 53.9920, 102.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 255) }
```

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

```
.background{ background-color: rgb(182,  
190, 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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