

Converting Colors

XYZ(71.5819, 63.8567,
189.8847)

Have a look what the booklet for
XYZ(71.5819, 63.8567, 189.8847)
contains.

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Color

**XYZ(55.0851, 57.3181,
102.7679)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C9FF
RGB	168, 201, 255
RGB Percent	66%, 79%, 100%
CMY	0.3412, 0.2118, 0.0000
CMYK	0.34, 0.21, 0.00, 0.00
HSL	217°, 100%, 83%
HSV	217°, 34%, 100%
XYZ	55.0851, 57.3181, 102.7679
YIQ	197.2890, -37.0020, 9.7980

Conversions

Conversions Part 2

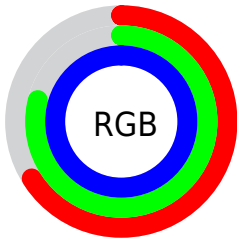
Format	Color
R_{YB}	168, 192, 255
Decimal	11061759
CIE Lab	80.36, 1.53, -30.05
CIE LCh	80, 30.088, 272.923
Yxy	57.3181, 0.2560, 0.2664
Android (android.graphics.Color)	4289251839 (0xFFA8C9FF)
YUV	197.2890, 28.4515, -25.6865
Hunter-Lab	75.7087, -2.6150, -27.4848

Details

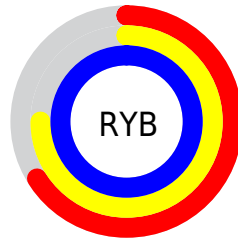
The XYZ color **55.0851, 57.3181, 102.7679** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.4296, 76.3301, 47.8581**, and the grayscale version is **53.0964, 55.8616, 60.8332**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.4368, 28.4554, 57.4724** is the 20% darker color. If you saturate the color by 10%, you get **46.6779, 47.7872, 101.3714**, and if you desaturate by 10%, it is **64.9403, 68.1624, 104.3417**.

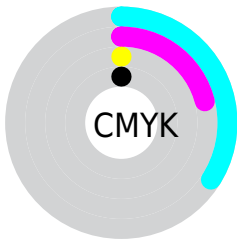
Distribution



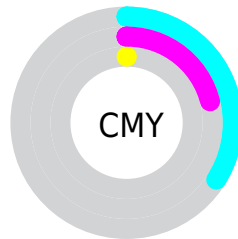
- Red (66%)
- Green (79%)
- Blue (100%)



- Red (66%)
- Yellow (75%)
- Blue (100%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0851, 57.3181, 102.7679 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 55.0851, 57.3181, 102.7679 by changing the saturation by 10% instead.

■ 55.0851, 57.3181,
102.7679

■ 55.0851, 57.3181,
102.7679

396.3656,
414.6402, 590.3531

■ 39.7040, 41.2607,
77.9844

■ 96.8132, 100.9292,
167.0407

■ 27.4910, 28.5228,
57.5448

123.8909,
129.2517, 207.3671

■ 18.0808, 18.7202,
41.0305

155.5982,
162.4313, 253.7115

■ 11.1081, 11.4682,
28.0231

192.3004,
200.8524, 306.4925

■ 6.2074, 6.3827,
18.1038

234.3629,
244.8995, 366.1286

■ 3.0134, 3.0792,
10.8544

282.1510,

■ 1.1609, 1.1732,

294.9569, 433.0384

5.8560

336.0301,
351.4090, 507.6404

■ 0.0751, 0.0397,
2.6904

■ 0.0000, 0.0000,
0.9386

■ 55.0851, 57.3181,
102.7679

■ 55.0851, 57.3181,
102.7679

■ 46.6779, 47.7872,
101.3714

■ 64.9403, 68.1624,
104.3417

■ 39.6397, 39.5082,
100.1444

■ 76.3068, 80.3651,
106.0980

■ 33.8911, 32.4235,
99.0799

■ 89.2502, 93.9770,
108.0431

■ 29.3418, 26.4678,
98.1701

■ 95.0500, 100.0000,
108.9000

■ 25.8881, 21.5678,
97.4063

■ 23.4052, 17.6379,
96.7786

■ 22.2996, 15.7191,
96.4665

Harmonies

Analogous

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



49.2656, 57.3181, 97.7315



55.0851, 57.3181, 102.7679



61.1708, 57.3181, 95.4184

Triad

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



55.0851, 57.3181, 102.7679



65.0340, 57.3181, 45.7348



44.6025, 57.3181, 48.2125

Complementary

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



55.0851, 57.3181, 102.7679



74.4296, 76.3301, 47.8581

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.



48.2942, 57.3181, 38.0547



55.0851, 57.3181, 102.7679



60.0481, 57.3181, 36.8249

Square

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



55.0851, 57.3181, 102.7679



67.1796, 57.3181, 60.6965



53.8776, 57.3181, 34.3014



43.4896, 57.3181, 64.1547

Rectangle

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



55.0851, 57.3181, 102.7679



64.4816, 57.3181, 85.1658



53.8776, 57.3181, 34.3014



45.5685, 57.3181, 44.1177

Sweetspot

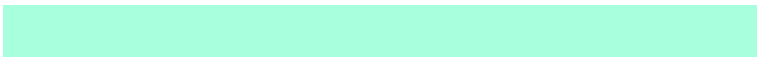
The Sweet Spot groups the original color and five complimentary colors.



55.0868, 57.3203, 102.7683



81.4400, 85.7946, 106.8754



65.0474, 85.1005, 81.8603



17.0499, 17.9610, 22.8181



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.



55.0868, 57.3203, 102.7683



49.1476, 50.6206, 101.7881



50.4487, 44.7099, 100.5787



17.5677, 18.5069, 22.8962



11.7843, 8.4782, 50.4499



1.2487, 1.0281, 4.9459

Inverse Universe

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



65.7864, 53.4840, 62.1167



61.5244, 46.9390, 54.5947



80.4323, 93.7329, 50.9008



18.2944, 18.1011, 20.1676



22.7364, 11.5838, 7.2622



2.2649, 1.1483, 0.9764

Previews

White Background



This preview shows how the XYZ color 55.0851, 57.3181, 102.7679 looks on a white background.

Color Contrast Check

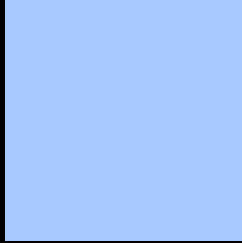
Large Text (above 18pt) WCAG AA × Fail

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 55.0851, 57.3181, 102.7679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

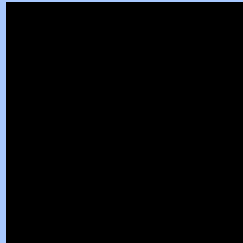
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

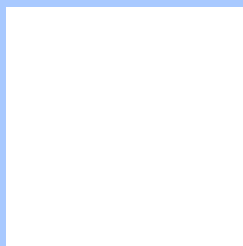
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0851, 57.3181, 102.7679

Background



This preview shows how black text looks on a background with the XYZ color 55.0851, 57.3181, 102.7679.



This preview shows how white text looks on a background with the XYZ color 55.0851, 57.3181,

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

55.0851, 57.3181, 102.7679

Protanopia

57.5445, 57.2751, 100.1177

Deuteranopia

58.3041, 56.9416, 102.5256



Tritanopia

50.3300, 57.5304, 78.2638

Trichromacy



Original Color

55.0851, 57.3181, 102.7679

Protanomaly

56.5141, 57.0637, 100.9643

Deuteranomaly

57.0723, 56.9763, 102.5972

Tritanomaly

52.1366, 57.5533, 86.9583

Monochromacy



Original Color

55.0851, 57.3181, 102.7679

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0987, 55.8892, 74.3188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0851, 57.3181, 102.7679 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(168, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 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(168, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.0851, 57.3181, 102.7679 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(168, 201, 255) }
```


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

```
.border{ border-color:rgb(168, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0851, 57.3181, 102.7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 255) }
```

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

```
.background{ background-color: rgb(168,  
201, 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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