

Converting Colors

XYZ(60.4073, 58.7424,
129.9963)

Have a look what the booklet for
XYZ(60.4073, 58.7424, 129.9963)
contains.

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Color

**XYZ(55.2680, 56.7248,
102.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC7FF
RGB	171, 199, 255
RGB Percent	67%, 78%, 100%
CMY	0.3294, 0.2196, 0.0000
CMYK	0.33, 0.22, 0.00, 0.00
HSL	220°, 100%, 84%
HSV	220°, 33%, 100%
XYZ	55.2680, 56.7248, 102.6438
YIQ	197.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

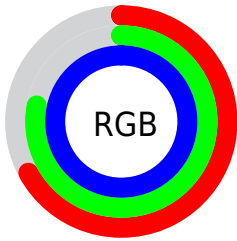
Format	Color
R_{YB}	171, 192, 255
Decimal	11257855
CIE _{Lab}	80.02, 3.43, -30.54
CIE _{LCh}	80, 30.737, 276.413
Yxy	56.7248, 0.2575, 0.2643
Android (android.graphics.Color)	4289447935 (0xFFABC7FF)
YUV	197.0120, 28.5881, -22.8125
Hunter-Lab	75.3159, -0.8166, -28.0819

Details

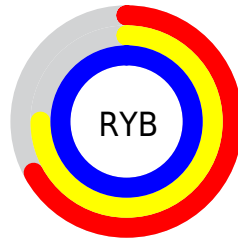
The XYZ color **55.2680, 56.7248, 102.6438** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.0601, 79.1385, 49.7963**, and the grayscale version is **52.9275, 55.6839, 60.6397**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **27.5209, 28.0410, 57.3880** is the 20% darker color. If you saturate the color by 10%, you get **46.5448, 46.7432, 101.1769**, and if you desaturate by 10%, it is **65.5029, 68.1369, 104.3071**.

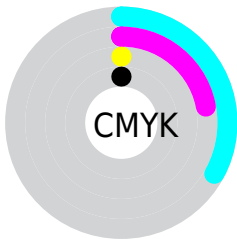
Distribution



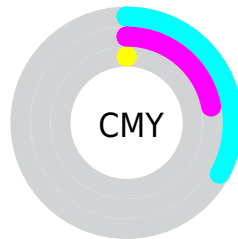
- Red (67%)
- Green (78%)
- Blue (100%)



- Red (67%)
- Yellow (75%)
- Blue (100%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2680, 56.7248, 102.6438 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 55.2680, 56.7248, 102.6438 by changing the saturation by 10% instead.

■ 55.2680, 56.7248,
102.6438

■ 55.2680, 56.7248,
102.6438

397.0469,
412.4173, 589.9550

■ 39.8510, 40.7843,
77.8812

■ 97.0795, 100.0635,
166.8691

■ 27.6061, 28.1506,
57.4605

124.2048,
128.2306, 207.1689

■ 18.1679, 18.4392,
40.9632

155.9636,
161.2419, 253.4848

■ 11.1710, 11.2658,
27.9709

192.7212,
199.4820, 306.2353

■ 6.2501, 6.2459,
18.0649

234.8429,
243.3352, 365.8391

■ 3.0399, 2.9952,
10.8266

282.6942,

■ 1.1749, 1.1292,

293.1859, 432.7146

5.8377

336.6405,
349.4184, 507.2804

■ 0.0864, 0.0027,
2.6794

■ 0.0000, 0.0000,
0.9331

■ 55.2680, 56.7248,
102.6438

■ 55.2680, 56.7248,
102.6438

■ 46.5448, 46.7432,
101.1769

■ 65.5029, 68.1369,
104.3071

■ 39.2522, 38.1253,
99.8978

■ 77.3151, 81.0297,
106.1731

■ 33.3086, 30.8078,
98.7987

■ 90.7720, 95.4586,
108.2489

■ 28.6215, 24.7194,
97.8705

95.0500, 100.0000,
108.9000

■ 25.0855, 19.7805,
97.1036

■ 22.5748, 15.8992,
96.4868

■ 21.2988, 13.7177,
96.1329

Harmonies

Analogous

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



49.2503, 56.7248, 98.9584



55.2680, 56.7248, 102.6438



61.3643, 56.7248, 93.7901

Triad

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



55.2680, 56.7248, 102.6438



64.1709, 56.7248, 43.5113



43.6393, 56.7248, 48.9958

Complementary

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



55.2680, 56.7248, 102.6438



76.0601, 79.1385, 49.7963

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.



47.0948, 56.7248, 38.0098



55.2680, 56.7248, 102.6438



58.8658, 56.7248, 35.2971

Square

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



55.2680, 56.7248, 102.6438



66.7543, 56.7248, 58.0005



52.5847, 56.7248, 33.4975



42.8379, 56.7248, 65.6862

Rectangle

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



55.2680, 56.7248, 102.6438



64.5533, 56.7248, 82.8156



52.5847, 56.7248, 33.4975



44.5152, 56.7248, 44.6208

Sweetspot

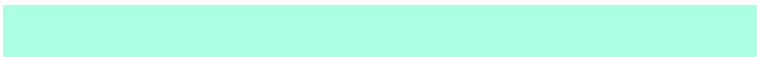
The Sweet Spot groups the original color and five complimentary colors.



55.2697, 56.7269, 102.6441



81.0975, 85.1097, 106.7613



66.2282, 85.6475, 84.7060



16.9673, 17.7959, 22.7906



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.



55.2697, 56.7269, 102.6441



48.9576, 49.5337, 101.5884



52.2858, 46.4886, 100.8252



17.4977, 18.3670, 22.8729



11.2510, 7.4116, 50.2722



1.1911, 0.9129, 4.9267

Inverse Universe

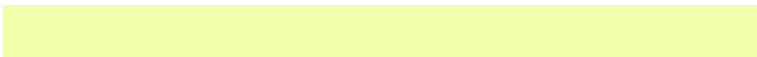
The Inverse Universe completely reimagines the original color for something new.



66.1128, 54.5109, 61.0723



61.6011, 47.6304, 52.9615



79.8666, 93.4086, 52.3501



18.2591, 18.0870, 19.9816



22.4672, 11.4762, 5.8447



2.2358, 1.1367, 0.8233

Previews

White Background



This preview shows how the XYZ color 55.2680, 56.7248, 102.6438 looks on a white background.

Color Contrast Check

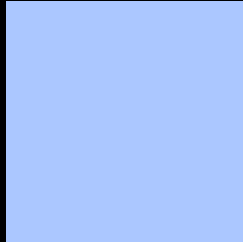
Large Text (above 18pt) WCAG AA × Fail

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 55.2680, 56.7248, 102.6438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

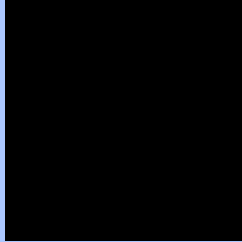
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

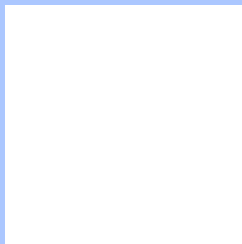
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2680, 56.7248, 102.6438

Background



This preview shows how black text looks on a background with the XYZ color 55.2680, 56.7248, 102.6438.



This preview shows how white text looks on a background with the XYZ color 55.2680, 56.7248,

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

55.2680, 56.7248, 102.6438

Protanopia

57.2367, 56.7621, 100.8680

Deuteranopia

58.0586, 56.8150, 102.5141



Tritanopia

49.9867, 56.6696, 76.7104

Trichromacy



Original Color

55.2680, 56.7248, 102.6438

Protanomaly

56.4461, 56.6720, 101.7297

Deuteranomaly

56.8460, 56.5236, 102.5218

Tritanomaly

51.7898, 56.7021, 85.3058

Monochromacy



Original Color

55.2680, 56.7248, 102.6438

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.5880, 56.1415, 74.3417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2680, 56.7248, 102.6438 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(171, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 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(171, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.2680, 56.7248, 102.6438 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(171, 199, 255) }
```


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

```
.border{ border-color:rgb(171, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2680, 56.7248, 102.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 255) }
```

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

```
.background{ background-color: rgb(171,  
199, 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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