

Converting Colors

XYZ(51.9933, 55.6053,
102.6003)

Have a look what the booklet for
XYZ(51.9933, 55.6053, 102.6003)
contains.

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Color

**XYZ(52.0735, 55.7656,
102.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	99C9FF
RGB	153, 201, 255
RGB Percent	60%, 79%, 100%
CMY	0.4000, 0.2118, 0.0000
CMYK	0.40, 0.21, 0.00, 0.00
HSL	212°, 100%, 80%
HSV	212°, 40%, 100%
XYZ	52.0735, 55.7656, 102.6270
YIQ	192.8040, -45.9420, 6.6180

Conversions

Conversions Part 2

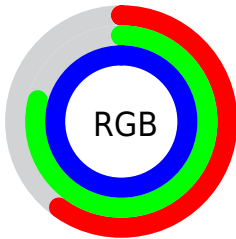
Format	Color
R _Y B	153, 186, 255
Decimal	10078719
CIE Lab	79.48, -2.42, -31.47
CIE LCh	79, 31.566, 265.601
Yxy	55.7656, 0.2474, 0.2650
Android (android.graphics.Color)	4288268799 (0xFF99C9FF)
YUV	192.8040, 30.6626, -34.9081
Hunter-Lab	74.6764, -6.2116, -29.2082

Details

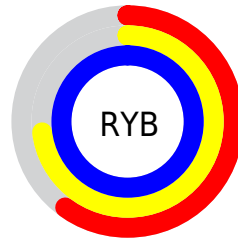
The XYZ color **52.0735, 55.7656, 102.6270** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.3032, 68.1861, 39.6475**, and the grayscale version is **50.4200, 53.0458, 57.7669**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **25.5565, 27.4860, 57.3844** is the 20% darker color. If you saturate the color by 10%, you get **44.7551, 47.5256, 101.4223**, and if you desaturate by 10%, it is **60.7002, 65.0930, 103.9727**.

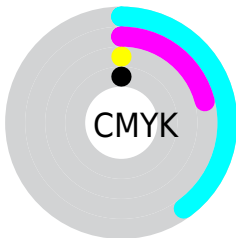
Distribution



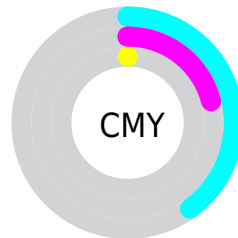
- Red (60%)
- Green (79%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0735, 55.7656, 102.6270 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 52.0735, 55.7656, 102.6270 by changing the saturation by 10% instead.

■ 52.0735, 55.7656,
102.6270

■ 52.0735, 55.7656,
102.6270

385.0396,
408.8075, 589.9011

■ 37.2882, 40.0150,
77.8672

■ 92.4132, 98.6618,
166.8459

■ 25.6054, 27.5503,
57.4491

■ 118.6983,
126.5762, 207.1421

■ 16.6598, 17.9869,
40.9541

149.5474,
159.3139, 253.4541

■ 10.0860, 10.9406,
27.9638

185.3257,
197.2595, 306.2005

■ 5.5187, 6.0269,
18.0596

226.3988,
240.7973, 365.7999

■ 2.5926, 2.8614,
10.8229

273.1319,

■ 0.9422, 1.0598,

290.3116, 432.6708

5.8352

325.8904,
346.1869, 507.2316

■ 0.0000, 0.0000,
2.6780

■ 0.0000, 0.0000,
0.9323

■ 52.0735, 55.7656,
102.6270

■ 52.0735, 55.7656,
102.6270

■ 44.7551, 47.5256,
101.4223

■ 60.7002, 65.0930,
103.9727

■ 38.6668, 40.3187,
100.3521

■ 70.6972, 75.5464,
105.4635

■ 33.7291, 34.0941,
99.4108

■ 82.1286, 87.1697,
107.1045

■ 29.8499, 28.7928,
98.5921

■ 95.0500, 100.0000,
108.9000

■ 26.9203, 24.3468,
97.8883

■ 24.7672, 20.6542,
97.2890

■ 24.7668, 20.6536,
97.2889

Harmonies

Analogous

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



46.4076, 55.7656, 94.3396



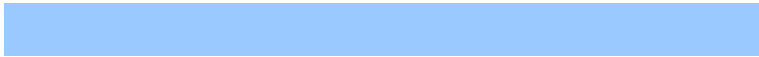
52.0735, 55.7656, 102.6270



58.4499, 55.7656, 97.9795

Triad

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



52.0735, 55.7656, 102.6270



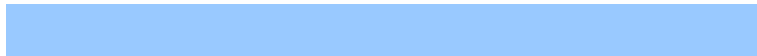
64.7805, 55.7656, 46.8428



43.5638, 55.7656, 43.0467

Complementary

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



52.0735, 55.7656, 102.6270



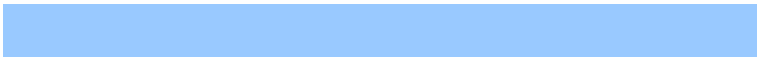
69.3032, 68.1861, 39.6475

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.



47.9064, 55.7656, 34.3529



52.0735, 55.7656, 102.6270



60.1966, 55.7656, 36.2185

Square

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



52.0735, 55.7656, 102.6270



66.1172, 55.7656, 63.4381



53.9446, 55.7656, 32.1276



41.7497, 55.7656, 58.0792

Rectangle

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



52.0735, 55.7656, 102.6270



62.2036, 55.7656, 88.5822



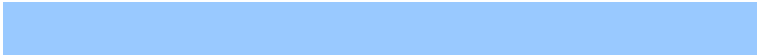
53.9446, 55.7656, 32.1276



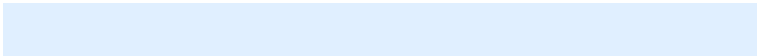
44.7585, 55.7656, 39.4134

Sweetspot

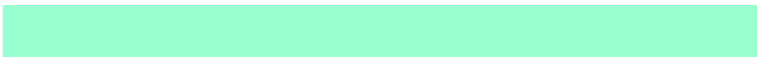
The Sweet Spot groups the original color and five complimentary colors.



52.0752, 55.7676, 102.6273



79.7227, 84.7474, 106.7638



60.0021, 82.7345, 71.0099



16.7347, 17.8067, 22.8050



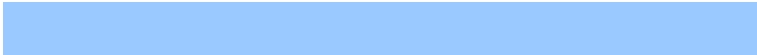
0.0000, 0.0000, 0.0000



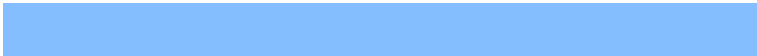
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0752, 55.7676, 102.6273



46.1169, 49.0883, 101.6521



42.9028, 36.9432, 99.4773



17.7079, 18.7874, 22.9430



13.0879, 11.0853, 50.8845



1.3826, 1.2959, 4.9905

Inverse Universe

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



63.1750, 48.2611, 61.2461



58.8892, 41.6523, 53.7666



82.1275, 94.7591, 44.1006



18.3652, 18.1294, 20.5403



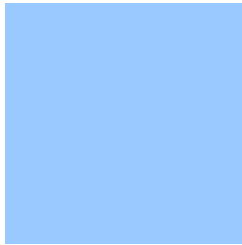
23.3943, 11.8470, 10.7270



2.3325, 1.1754, 1.3323

Previews

White Background



This preview shows how the XYZ color 52.0735, 55.7656, 102.6270 looks on a white background.

Color Contrast Check

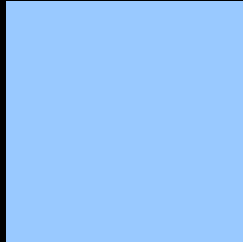
Large Text (above 18pt) WCAG AA × Fail

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 52.0735, 55.7656, 102.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

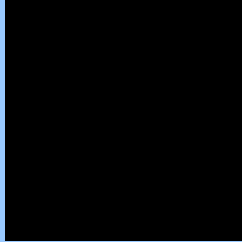
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

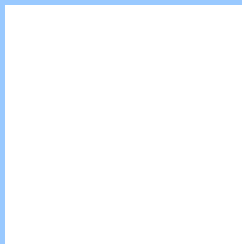
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0735, 55.7656, 102.6270

Background



This preview shows how black text looks on a background with the XYZ color 52.0735, 55.7656, 102.6270.



This preview shows how white text looks on a background with the XYZ color 52.0735, 55.7656,

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

52.0735, 55.7656, 102.6270

Protanopia

55.8385, 55.4308, 98.1987

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

47.3092, 55.9731, 78.1225

Trichromacy



Original Color

52.0735, 55.7656, 102.6270

Protanomaly

54.3315, 55.6187, 99.9674

Deuteranomaly

54.8032, 55.4705, 102.4262

Tritanomaly

49.0395, 55.9567, 86.8133

Monochromacy



Original Color

52.0735, 55.7656, 102.6270

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4947, 53.9027, 72.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0735, 55.7656, 102.6270 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(153, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.0735, 55.7656, 102.6270 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(153, 201, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0735, 55.7656, 102.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 201, 255) }
```

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

```
.background{ background-color: rgb(153,  
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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