

Converting Colors

XYZ(55.7207, 60.1330,
103.2778)

Have a look what the booklet for
XYZ(55.7207, 60.1330, 103.2778)
contains.

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Color

**XYZ(55.7101, 60.1183,
103.2755)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D0FF
RGB	163, 208, 255
RGB Percent	64%, 82%, 100%
CMY	0.3608, 0.1843, 0.0000
CMYK	0.36, 0.18, 0.00, 0.00
HSL	211°, 100%, 82%
HSV	211°, 36%, 100%
XYZ	55.7101, 60.1183, 103.2755
YIQ	199.9030, -41.9070, 5.0770

Conversions

Conversions Part 2

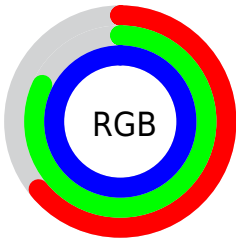
Format	Color
R _Y B	163, 193, 255
Decimal	10735871
CIE Lab	81.90, -3.55, -27.71
CIE LCh	82, 27.935, 262.696
Yxy	60.1183, 0.2543, 0.2744
Android (android.graphics.Color)	4288925951 (0xFFA3D0FF)
YUV	199.9030, 27.1628, -32.3639
Hunter-Lab	77.5360, -7.4346, -24.6972

Details

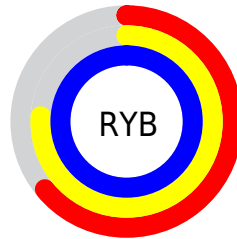
The XYZ color **55.7101, 60.1183, 103.2755** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8978, 69.9976, 44.4263**, and the grayscale version is **54.6982, 57.5467, 62.6684**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **27.9330, 30.3766, 57.8171** is the 20% darker color. If you saturate the color by 10%, you get **47.9593, 51.6010, 102.0400**, and if you desaturate by 10%, it is **64.7779, 69.7045, 104.6479**.

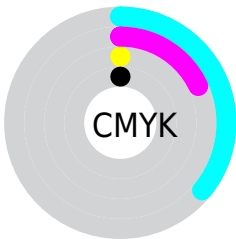
Distribution



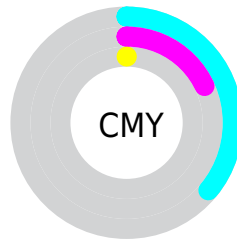
- Red (64%)
- Green (82%)
- Blue (100%)



- Red (64%)
- Yellow (76%)
- Blue (100%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7101, 60.1183, 103.2755 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 55.7101, 60.1183, 103.2755 by changing the saturation by 10% instead.

■ 55.7101, 60.1183,
103.2755

■ 55.7101, 60.1183,
103.2755

398.6908,
425.0337, 591.9801

■ 40.2066, 43.5140,
78.4068

■ 97.7229, 105.0013,
167.7422

■ 27.8846, 30.2886,
57.8898

■ 124.9629,
134.0487, 208.1773

■ 18.3787, 20.0578,
41.3059

156.8457,
168.0126, 254.6383

■ 11.3236, 12.4370,
28.2367

193.7368,
207.2775, 307.5437

■ 6.3538, 7.0421,
18.2636

236.0016,
252.2276, 367.3120

■ 3.1041, 3.4884,
10.9680

284.0052,

■ 1.2090, 1.3917,

303.2474, 434.3618

5.9314

338.1132,
360.7213, 509.1117

■ 0.1135, 0.2106,
2.7353

■ 0.0000, 0.0000,
0.9611

■ 55.7101, 60.1183,
103.2755

■ 55.7101, 60.1183,
103.2755

■ 47.9593, 51.6010,
102.0400

■ 64.7779, 69.7045,
104.6479

■ 41.4504, 44.1006,
100.9353

■ 75.2217, 80.3949,
106.1609

■ 36.1081, 37.5701,
99.9564

■ 87.1033, 92.2313,
107.8193

■ 31.8459, 31.9547,
99.0972

95.0500, 100.0000,
108.9000

■ 28.5634, 27.1923,
98.3509

■ 26.1371, 23.2083,
97.7098

■ 25.3499, 21.8199,
97.4833

Harmonies

Analogous

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



50.5356, 60.1183, 94.8622



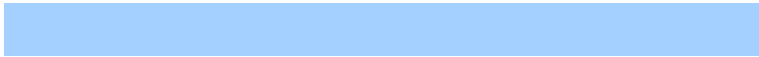
55.7101, 60.1183, 103.2755



61.6320, 60.1183, 100.2522

Triad

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



55.7101, 60.1183, 103.2755



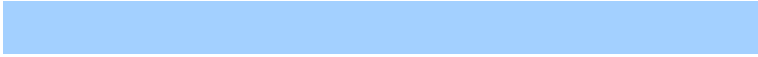
68.2622, 60.1183, 53.7025



48.5811, 60.1183, 47.6720

Complementary

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



55.7101, 60.1183, 103.2755



70.8978, 69.9976, 44.4263

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.



52.8730, 60.1183, 39.8206



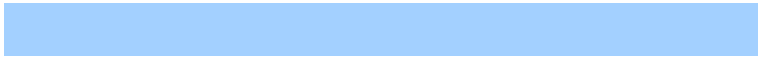
55.7101, 60.1183, 103.2755



64.2975, 60.1183, 42.8612

Square

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



55.7101, 60.1183, 103.2755



69.1517, 60.1183, 69.6778



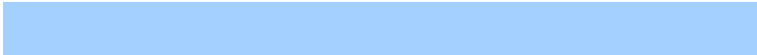
58.5955, 60.1183, 38.2249



46.6077, 60.1183, 61.4133

Rectangle

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



55.7101, 60.1183, 103.2755



65.1864, 60.1183, 92.3674



58.5955, 60.1183, 38.2249



49.7858, 60.1183, 44.3604

Sweetspot

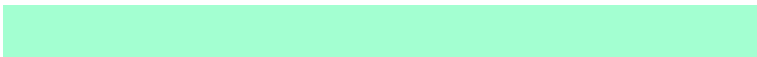
The Sweet Spot groups the original color and five complimentary colors.



55.7118, 60.1205, 103.2758



81.0707, 86.2586, 106.9844



62.3739, 83.9105, 73.2317



17.0103, 18.1215, 22.8512



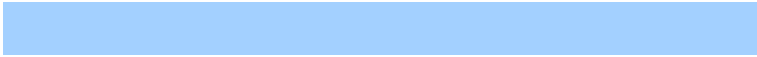
0.0000, 0.0000, 0.0000



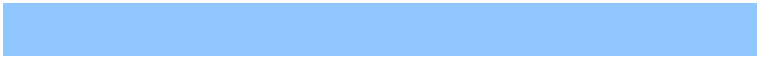
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7118, 60.1205, 103.2758



50.2089, 54.1117, 102.4061



46.2529, 41.2027, 100.1229



17.7366, 18.8448, 22.9525



13.3943, 11.6982, 50.9866



1.4131, 1.3569, 5.0007

Inverse Universe

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



65.7235, 52.0100, 66.2519



61.7261, 45.7408, 59.5995



83.6112, 95.4245, 48.6641



18.3797, 18.1352, 20.6166



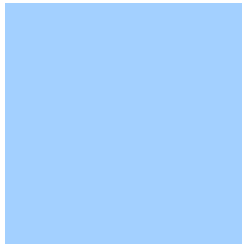
23.5490, 11.9089, 11.5416



2.3479, 1.1815, 1.4133

Previews

White Background



This preview shows how the XYZ color 55.7101, 60.1183, 103.2755 looks on a white background.

Color Contrast Check

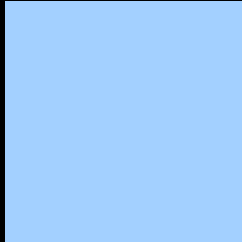
Large Text (above 18pt) WCAG AA × Fail

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 55.7101, 60.1183, 103.2755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

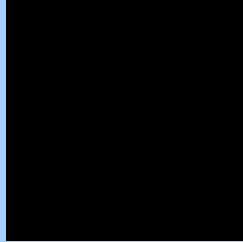
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

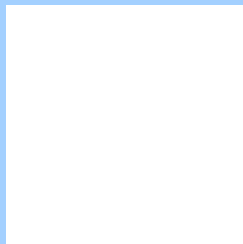
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7101, 60.1183, 103.2755

Background



This preview shows how black text looks on a background with the XYZ color 55.7101, 60.1183, 103.2755.



This preview shows how white text looks on a background with the XYZ color 55.7101, 60.1183,

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

55.7101, 60.1183, 103.2755

Protanopia

59.8802, 59.8819, 98.8448

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

51.5910, 59.9122, 82.9738

Trichromacy



Original Color

55.7101, 60.1183, 103.2755

Protanomaly

58.2196, 60.0378, 100.6154

Deuteranomaly

58.6990, 59.5283, 103.0041

Tritanomaly

53.0250, 60.1325, 89.7009

Monochromacy



Original Color

55.7101, 60.1183, 103.2755

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7677, 58.4440, 76.1044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7101, 60.1183, 103.2755 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(163, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 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(163, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7101, 60.1183, 103.2755 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(163, 208, 255) }
```


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

```
.border{ border-color:rgb(163, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7101, 60.1183, 103.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 255) }
```

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

```
.background{ background-color: rgb(163,  
208, 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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