

Converting Colors

XYZ(57.1149, 63.1931,
102.9433)

Have a look what the booklet for
XYZ(57.1149, 63.1931, 102.9433)
contains.

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Color

**XYZ(57.0402, 63.0354,
102.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D6FE
RGB	163, 214, 254
RGB Percent	64%, 84%, 100%
CMY	0.3608, 0.1608, 0.0039
CMYK	0.36, 0.16, 0.00, 0.00
HSL	206°, 98%, 82%
HSV	206°, 36%, 100%
XYZ	57.0402, 63.0354, 102.9266
YIQ	203.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

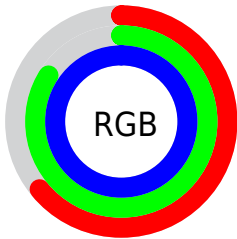
Format	Color
R _Y B	163, 196, 254
Decimal	10737406
CIE Lab	83.46, -6.97, -24.80
CIE LCh	83, 25.760, 254.312
Yxy	63.0354, 0.2558, 0.2827
Android (android.graphics.Color)	4288927486 (0xFFA3D6FE)
YUV	203.3110, 24.9897, -35.3527
Hunter-Lab	79.3948, -10.6999, -21.2865

Details

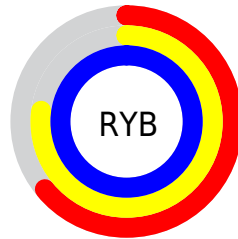
The XYZ color **57.0402, 63.0354, 102.9266** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.8410, 66.4281, 43.8458**, and the grayscale version is **56.8291, 59.7886, 65.1098**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **28.6605, 32.0156, 57.4924** is the 20% darker color. If you saturate the color by 10%, you get **49.6234, 55.1614, 101.7988**, and if you desaturate by 10%, it is **65.6991, 71.8401, 104.1708**.

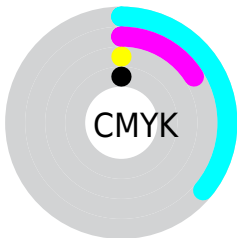
Distribution



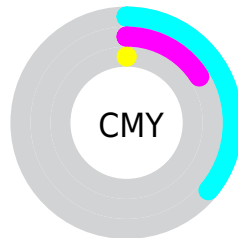
- Red (64%)
- Green (84%)
- Blue (100%)



- Red (64%)
- Yellow (77%)
- Blue (100%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0402, 63.0354, 102.9266 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 57.0402, 63.0354, 102.9266 by changing the saturation by 10% instead.

■ 57.0402, 63.0354,
102.9266

■ 57.0402, 63.0354,
102.9266

403.6117,
435.6980, 590.8620

■ 41.2778, 45.8698,
78.1164

■ 99.6549, 109.2206,
167.2601

■ 28.7248, 32.1431,
57.6526

■ 127.2378,
139.0090, 207.6205

■ 19.0160, 21.4708,
41.1166

159.4917,
173.7738, 254.0013

■ 11.7859, 13.4686,
28.0898

196.7818,
213.8995, 306.8212

■ 6.6692, 7.7520,
18.1537

239.4734,
259.7703, 366.4987

■ 3.3006, 3.9367,
10.8898

287.9321,

■ 1.3146, 1.6382,

311.7707, 433.4523

5.8796

342.5230,
370.2851, 508.1006

■ 0.1941, 0.3832,
2.7044

■ 0.0000, 0.0000,
0.9456

■ 57.0402, 63.0354,
102.9266

■ 57.0402, 63.0354,
102.9266

■ 49.6234, 55.1614,
101.7988

■ 65.6991, 71.8401,
104.1708

■ 43.3759, 48.1706,
100.7787

■ 75.6554, 81.6053,
105.5309

■ 38.2262, 42.0216,
99.8632

■ 86.9683, 92.3683,
107.0121

■ 34.0914, 36.6655,
99.0473

94.8896, 99.9358,
108.0553

■ 30.8751, 32.0466,
98.3253

■ 28.4587, 28.0969,
97.6903

■ 27.6157, 26.6080,
97.4473

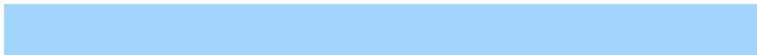
Harmonies

Analogous

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



52.5130, 63.0354, 92.5880



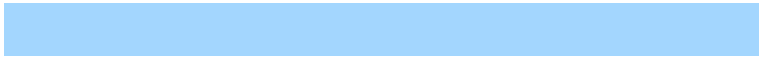
57.0402, 63.0354, 102.9266



62.6229, 63.0354, 103.1786

Triad

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



57.0402, 63.0354, 102.9266



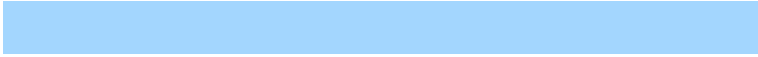
70.9990, 63.0354, 61.2693



52.6811, 63.0354, 48.7967

Complementary

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



57.0402, 63.0354, 102.9266



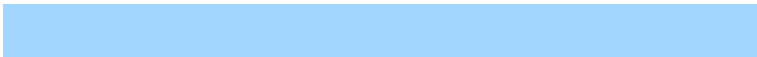
68.8410, 66.4281, 43.8458

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.



57.2830, 63.0354, 42.8154



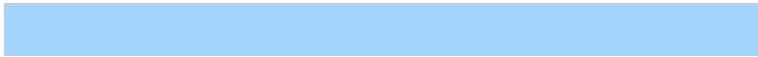
57.0402, 63.0354, 102.9266



67.9780, 63.0354, 49.2162

Square

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



57.0402, 63.0354, 102.9266



70.9239, 63.0354, 77.3425



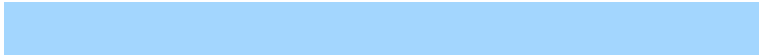
62.8812, 63.0354, 42.9559



50.1056, 63.0354, 60.6066

Rectangle

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



57.0402, 63.0354, 102.9266



66.2097, 63.0354, 97.4832



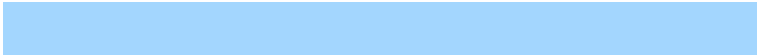
62.8812, 63.0354, 42.9559



54.0293, 63.0354, 46.1261

Sweetspot

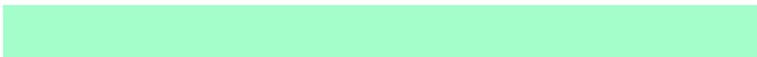
The Sweet Spot groups the original color and five complimentary colors.



57.0422, 63.0379, 102.9281



81.6649, 87.4470, 107.1825



61.2597, 82.9563, 68.9317



17.1519, 18.4046, 22.8984



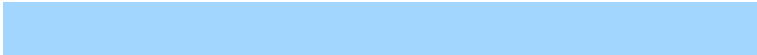
0.0000, 0.0000, 0.0000



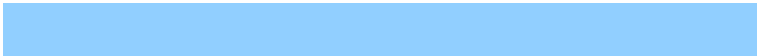
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0422, 63.0379, 102.9281



52.0541, 57.8022, 103.0211



47.1958, 43.3450, 99.6459



17.8476, 19.0668, 22.9895



14.7087, 14.3270, 51.4247



1.5410, 1.6127, 5.0433

Inverse Universe

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



66.1095, 52.1221, 70.1971



62.6575, 46.1133, 64.5042



81.0321, 90.8103, 47.9095



18.4357, 18.1576, 20.9116



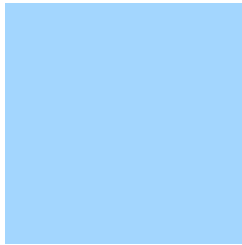
24.2125, 12.1743, 15.0352



2.4124, 1.2074, 1.7533

Previews

White Background



This preview shows how the XYZ color 57.0402, 63.0354, 102.9266 looks on a white background.

Color Contrast Check

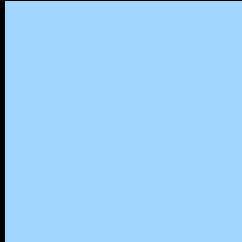
Large Text (above 18pt) WCAG AA × Fail

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 57.0402, 63.0354, 102.9266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

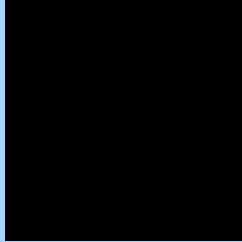
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

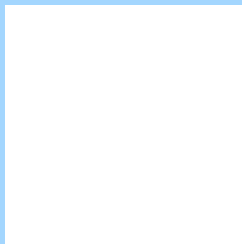
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0402, 63.0354, 102.9266

Background



This preview shows how black text looks on a background with the XYZ color 57.0402, 63.0354, 102.9266.



This preview shows how white text looks on a background with the XYZ color 57.0402, 63.0354,

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

57.0402, 63.0354, 102.9266

Protanopia

62.0633, 62.4457, 97.5891

Deuteranopia

64.0345, 62.6284, 103.3212



Tritanopia

53.9088, 62.8930, 87.8955

Trichromacy



Original Color

57.0402, 63.0354, 102.9266

Protanomaly

59.8188, 62.3282, 99.3202

Deuteranomaly

61.1019, 62.5370, 103.4582

Tritanomaly

55.0801, 62.9961, 93.2608

Monochromacy



Original Color

57.0402, 63.0354, 102.9266

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2367, 60.5909, 77.8385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0402, 63.0354, 102.9266 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, 214, 254)` looks like.

```
.text, #text, p{  
    color:rgb(163, 214, 254)  
}
```

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, 214, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 214, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.0402, 63.0354, 102.9266 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, 214, 254) }
```


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

```
.border{ border-color:rgb(163, 214, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 214, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 214, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 214, 254);  
box-shadow:4px 4px 4px 4px rgb(163, 214,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0402, 63.0354, 102.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 214, 254) }
```

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

```
.background{ background-color: rgb(163,  
214, 254) }
```

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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