

Converting Colors

XYZ(51.7013, 57.9734,
102.1941)

Have a look what the booklet for
XYZ(51.7013, 57.9734, 102.1941)
contains.

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Color

**XYZ(51.7730, 58.1071,
102.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD0FE
RGB	143, 208, 254
RGB Percent	56%, 82%, 100%
CMY	0.4392, 0.1843, 0.0039
CMYK	0.44, 0.18, 0.00, 0.00
HSL	205°, 98%, 78%
HSV	205°, 44%, 100%
XYZ	51.7730, 58.1071, 102.2530
YIQ	193.8090, -53.5060, 0.5260

Conversions

Conversions Part 2

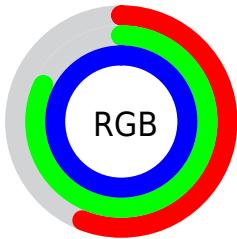
Format	Color
R_{YB}	143, 184, 254
Decimal	9425150
CIE _{Lab}	80.80, -8.89, -28.96
CIE _{LCh}	81, 30.296, 252.934
Yxy	58.1071, 0.2441, 0.2739
Android (android.graphics.Color)	4287615230 (0xFF8FD0FE)
YUV	193.8090, 29.6742, -44.5595
Hunter-Lab	76.2280, -12.1643, -26.1726

Details

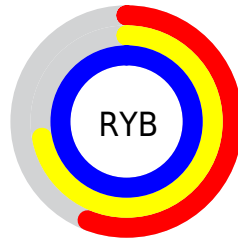
The XYZ color **51.7730, 58.1071, 102.2530** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.0302, 59.4511, 34.0892**, and the grayscale version is **51.0198, 53.6768, 58.4540**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **25.4714, 29.1209, 57.1017** is the 20% darker color. If you saturate the color by 10%, you get **45.3821, 51.1294, 101.2441**, and if you desaturate by 10%, it is **59.3334, 65.9431, 103.3681**.

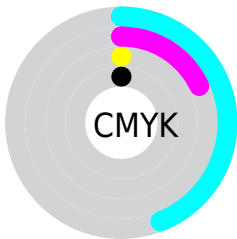
Distribution



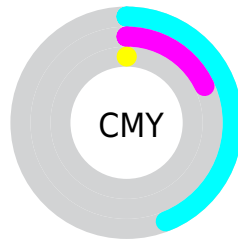
- Red (56%)
- Green (82%)
- Blue (100%)



- Red (56%)
- Yellow (72%)
- Blue (100%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7730, 58.1071, 102.2530 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 51.7730, 58.1071, 102.2530 by changing the saturation by 10% instead.

■ 51.7730, 58.1071,
102.2530

■ 51.7730, 58.1071,
102.2530

383.8980,
417.5849, 588.7004

■ 37.0477, 41.8948,
77.5561

■ 91.9726, 102.0788,
166.3287

■ 25.4183, 29.0189,
57.1951

■ 118.1776,
130.6070, 206.5446

■ 16.5193, 19.0951,
40.7515

148.9399,
164.0092, 252.7705

■ 9.9856, 11.7390,
27.8067

184.6248,
202.6698, 305.4251

■ 5.4516, 6.5662,
17.9423

225.5977,
246.9733, 364.9268

■ 2.5520, 3.1923,
10.7395

272.2240,

■ 0.9216, 1.2330,

297.3041, 431.6943

5.7800

324.8690,
354.0465, 506.1459

■ 0.0000, 0.0884,
2.6452

■ 0.0000, 0.0000,
0.9156

■ 51.7730, 58.1071,
102.2530

■ 51.7730, 58.1071,
102.2530

■ 45.3821, 51.1294,
101.2441

■ 59.3334, 65.9431,
103.3681

■ 40.0837, 44.9616,
100.3328

■ 68.1225, 74.6688,
104.5891

■ 35.7998, 39.5598,
99.5159

■ 78.2020, 84.3220,
105.9211

■ 32.4381, 34.8713,
98.7881

■ 89.6275, 94.9357,
107.3675

■ 29.8868, 30.8330,
98.1431

94.8896, 99.9358,
108.0553

■ 28.5960, 28.5686,
97.7741

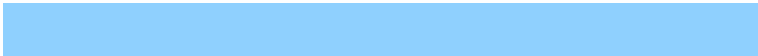
Harmonies

Analogous

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



46.8808, 58.1071, 89.7593



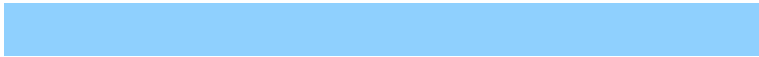
51.7730, 58.1071, 102.2530



57.9658, 58.1071, 103.1412

Triad

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



51.7730, 58.1071, 102.2530



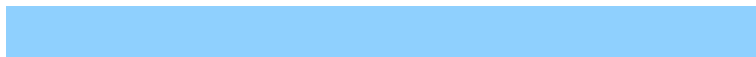
67.8039, 58.1071, 55.8660



47.4330, 58.1071, 41.2469

Complementary

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



51.7730, 58.1071, 102.2530



64.0302, 59.4511, 34.0892

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.



52.5798, 58.1071, 35.2787



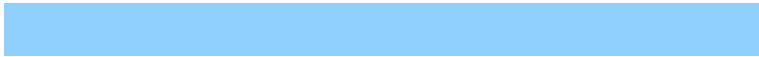
51.7730, 58.1071, 102.2530



64.5138, 58.1071, 42.5820

Square

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



51.7730, 58.1071, 102.2530



67.5468, 58.1071, 73.9289



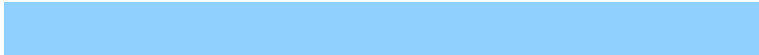
58.8356, 58.1071, 35.7161



44.5080, 58.1071, 53.6861

Rectangle

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



51.7730, 58.1071, 102.2530



62.0313, 58.1071, 96.8165



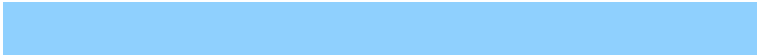
58.8356, 58.1071, 35.7161



48.9432, 58.1071, 38.5327

Sweetspot

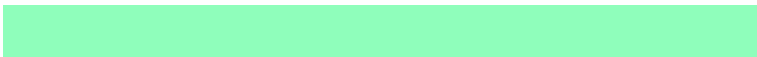
The Sweet Spot groups the original color and five complimentary colors.



51.7749, 58.1093, 102.2544



79.6613, 85.7919, 106.9686



55.7838, 80.3297, 59.8057



16.5412, 17.8820, 22.8297



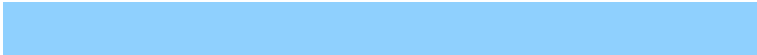
0.0000, 0.0000, 0.0000



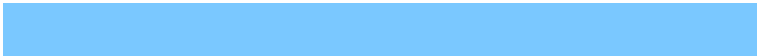
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7749, 58.1093, 102.2544



46.7984, 52.7181, 102.3168



40.7912, 36.1418, 98.5931



17.8870, 19.1455, 23.0027



15.2250, 15.3596, 51.5968



1.5902, 1.7112, 5.0597

Inverse Universe

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



62.0824, 45.2718, 65.1429



58.6798, 39.4499, 59.1954



77.8530, 87.0968, 38.6968



18.4556, 18.1655, 21.0163



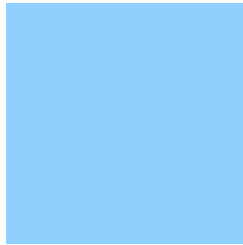
24.4731, 12.2785, 16.4075



2.4373, 1.2173, 1.8842

Previews

White Background



This preview shows how the XYZ color 51.7730, 58.1071, 102.2530 looks on a white background.

Color Contrast Check

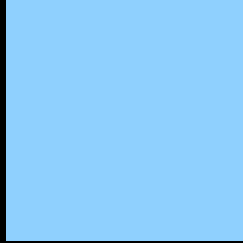
Large Text (above 18pt) WCAG AA × Fail

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 51.7730, 58.1071, 102.2530 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

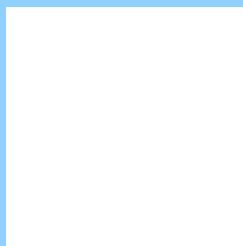
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7730, 58.1071, 102.2530

Background



This preview shows how black text looks on a background with the XYZ color 51.7730, 58.1071, 102.2530.



This preview shows how white text looks on a background with the XYZ color 51.7730, 58.1071,

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

51.7730, 58.1071, 102.2530

Protanopia

57.7216, 57.7949, 96.1090

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

47.8397, 57.9783, 82.7983

Trichromacy



Original Color

51.7730, 58.1071, 102.2530

Protanomaly

55.3891, 57.9138, 98.7017

Deuteranomaly

55.7175, 57.2992, 102.7310

Tritanomaly

49.3743, 58.2505, 89.5301

Monochromacy



Original Color

51.7730, 58.1071, 102.2530

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4973, 54.9187, 72.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7730, 58.1071, 102.2530 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(143, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(143, 208, 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(143, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 208, 254) }
```

Border

The CSS property to change the border of an element to XYZ 51.7730, 58.1071, 102.2530 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(143, 208, 254) }
```


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

```
.border{ border-color:rgb(143, 208, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 208, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(143, 208,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7730, 58.1071, 102.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 208, 254) }
```

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

```
.background{ background-color: rgb(143,  
208, 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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