

Converting Colors

XYZ(73.0437, 88.7769,
102.3770)

Have a look what the booklet for
XYZ(73.0437, 88.7769, 102.3770)
contains.

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Color

**XYZ(72.9530, 88.7364,
102.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF8
RGB	186, 255, 248
RGB Percent	73%, 100%, 97%
CMY	0.2706, 0.0000, 0.0274
CMYK	0.27, 0.00, 0.03, 0.00
HSL	174°, 100%, 86%
HSV	174°, 27%, 100%
XYZ	72.9530, 88.7364, 102.0897
YIQ	233.5710, -38.8770, -16.8050

Conversions

Conversions Part 2

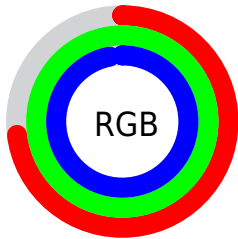
Format	Color
R_{YB}	186, 222, 255
Decimal	12255224
CIE _{Lab}	95.47, -22.68, -3.56
CIE _{LCh}	95, 22.957, 188.924
Yxy	88.7364, 0.2766, 0.3364
Android (android.graphics.Color)	4290445304 (0xFFBAFFF8)
YUV	233.5710, 7.1135, -41.7198
Hunter-Lab	94.2000, -26.6110, 1.6842

Details

The XYZ color **72.9530, 88.7364, 102.0897** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4254, 60.2295, 58.4720**, and the grayscale version is **77.8515, 81.9058, 89.1954**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **39.0686, 49.0192, 57.2717** is the 20% darker color. If you saturate the color by 10%, you get **66.9029, 85.6635, 99.7275**, and if you desaturate by 10%, it is **80.1161, 92.3824, 104.5358**.

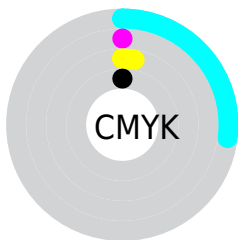
Distribution



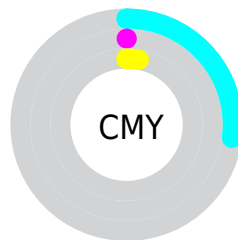
- Red (73%)
- Green (100%)
- Blue (97%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9530, 88.7364, 102.0897 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 72.9530, 88.7364, 102.0897 by changing the saturation by 10% instead.

 72.9530, 88.7364,
102.0897

 72.9530, 88.7364,
102.0897


459.9582,
523.9118, 588.1757

 54.2258, 66.9331,
77.4203


 122.4140,
145.5819, 166.1028

 39.0136, 49.0303,
57.0843


153.8784,
181.3930, 206.2836

 26.9511, 34.6435,
40.6631

190.3194,
222.6421, 252.4719

 17.6729, 23.3884,
27.7382

232.1021,
269.7136, 305.0864

 10.8136, 14.8805,
17.8911

279.5920,
322.9919, 364.5454

 6.0080, 8.7356,
10.7032

333.1544,

 2.8907, 4.5691,

382.8614, 431.2676

5.7560

393.1547,
449.7066, 505.6715

■ 1.0962, 1.9967,
2.6309

■ 0.0219, 0.6056,
0.9083

■ 72.9530, 88.7364,
102.0897

■ 72.9530, 88.7364,
102.0897

■ 66.9029, 85.6635,
99.7275

■ 80.1161, 92.3824,
104.5358

■ 61.9040, 83.1319,
97.4420

■ 88.4436, 96.6281,
107.0640

■ 57.8930, 81.1089,
95.2313

95.0500, 100.0000,
108.9000

■ 54.7986, 79.5578,
93.0922

■ 52.5398, 78.4369,
91.0207

■ 51.0215, 77.6971,
89.0122

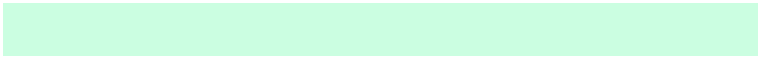
■ 50.1223, 77.2758,
87.0609

■ 49.9218, 77.1847,
86.4951

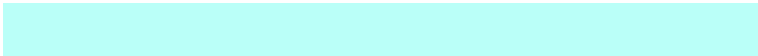
Harmonies

Analogous

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



73.5560, 88.7364, 84.6951



72.9530, 88.7364, 102.0897



75.2811, 88.7364, 120.0456

Triad

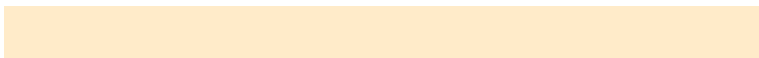
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9530, 88.7364, 102.0897



92.1672, 88.7364, 126.1360



88.7639, 88.7364, 67.7788

Complementary

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



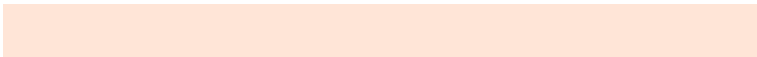
72.9530, 88.7364, 102.0897



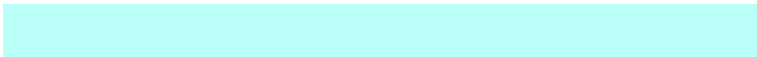
68.4254, 60.2295, 58.4720

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.



94.1007, 88.7364, 76.4572



72.9530, 88.7364, 102.0897



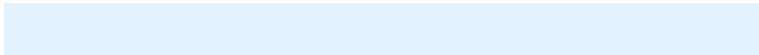
96.1324, 88.7364, 109.6123

Square

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



72.9530, 88.7364, 102.0897



86.2305, 88.7364, 135.0182



96.8570, 88.7364, 91.3470



82.4799, 88.7364, 66.2920

Rectangle

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



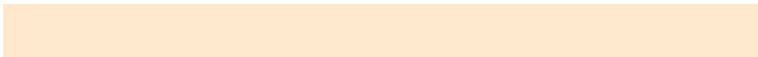
72.9530, 88.7364, 102.0897



78.2536, 88.7364, 129.4104



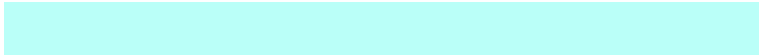
96.8570, 88.7364, 91.3470



90.7368, 88.7364, 69.8950

Sweetspot

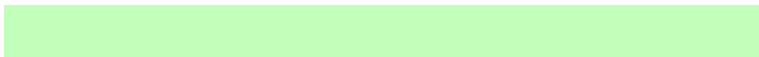
The Sweet Spot groups the original color and five complimentary colors.



72.9540, 88.7369, 102.0912



87.6076, 96.2016, 106.8221



66.8850, 86.5416, 59.6352



18.4708, 20.4478, 22.7820



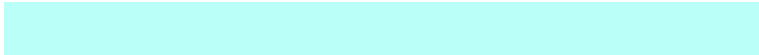
0.0000, 0.0000, 0.0000



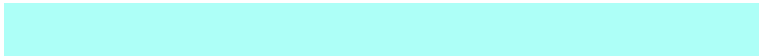
20.3446, 21.4041, 23.3091

Same Dimension

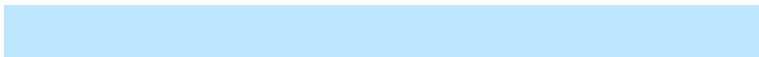
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9540, 88.7369, 102.0912



69.8280, 87.1482, 100.9130



66.1958, 73.4501, 105.2961



18.4708, 20.4478, 22.7820



26.1175, 40.3436, 45.3657



2.5650, 3.9369, 4.5328

Inverse Universe

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



68.4254, 60.2295, 58.4720



64.6705, 54.6648, 51.2238



73.7599, 72.1186, 56.4889



18.0842, 18.0170, 19.0607



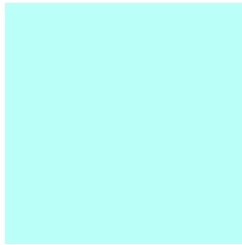
21.6698, 11.1572, 1.6455



2.1336, 1.0958, 0.2847

Previews

White Background



This preview shows how the XYZ color 72.9530, 88.7364, 102.0897 looks on a white background.

Color Contrast Check

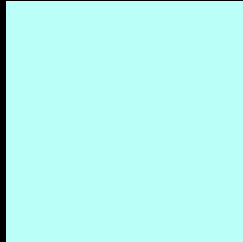
Large Text (above 18pt) WCAG AA × Fail

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 72.9530, 88.7364, 102.0897 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

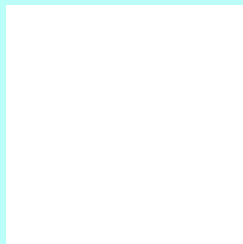
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9530, 88.7364, 102.0897

Background



This preview shows how black text looks on a background with the XYZ color 72.9530, 88.7364, 102.0897.

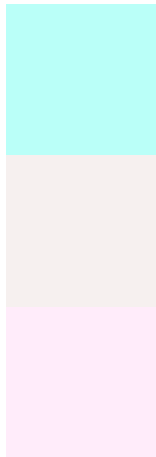


This preview shows how white text looks on a background with the XYZ color 72.9530, 88.7364,

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

72.9530, 88.7364, 102.0897

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

88.4908, 88.1530, 102.7938



Tritanopia

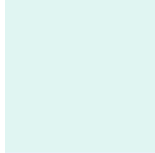
80.8246, 88.5037, 107.4308

Trichromacy



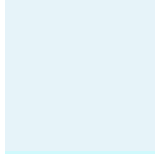
Original Color

72.9530, 88.7364, 102.0897



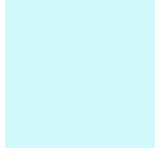
Protanomaly

79.4199, 87.5629, 96.7199



Deuteranomaly

81.7826, 87.7637, 102.2522



Tritanomaly

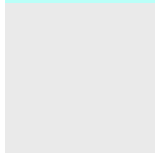
77.4588, 88.1895, 105.0352

Monochromacy



Original Color

72.9530, 88.7364, 102.0897



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9474, 84.4880, 93.9663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9530, 88.7364, 102.0897 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(186, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 248)  
}
```

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(186, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 72.9530, 88.7364, 102.0897 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(186, 255, 248) }
```


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

```
.border{ border-color:rgb(186, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9530, 88.7364, 102.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 248) }
```

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

```
.background{ background-color: rgb(186,  
255, 248) }
```

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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