

Converting Colors

XYZ(72.3514, 88.4291,
101.9330)

Have a look what the booklet for
XYZ(72.3514, 88.4291, 101.9330)
contains.

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Color

**XYZ(72.4704, 88.4877,
102.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFF8
RGB	184, 255, 248
RGB Percent	72%, 100%, 97%
CMY	0.2784, 0.0000, 0.0274
CMYK	0.28, 0.00, 0.03, 0.00
HSL	174°, 100%, 86%
HSV	174°, 28%, 100%
XYZ	72.4704, 88.4877, 102.0672
YIQ	232.9730, -40.0690, -17.2290

Conversions

Conversions Part 2

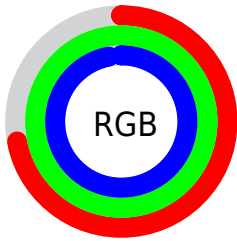
Format	Color
RYB	184, 221, 255
Decimal	12124152
CIELab	95.37, -23.24, -3.73
CIELCh	95, 23.538, 189.109
Yxy	88.4877, 0.2755, 0.3364
Android (android.graphics.Color)	4290314232 (0xFFB8FFF8)
YUV	232.9730, 7.4083, -42.9493
Hunter-Lab	94.0679, -27.1015, 1.5157

Details

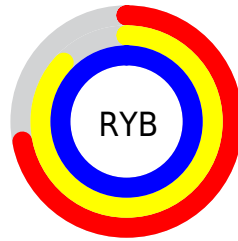
The XYZ color **72.4704, 88.4877, 102.0672** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7851, 59.3037, 57.1648**, and the grayscale version is **77.3993, 81.4300, 88.6773**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **38.7618, 48.8611, 57.2573** is the 20% darker color. If you saturate the color by 10%, you get **66.5157, 85.4626, 99.7677**, and if you desaturate by 10%, it is **79.5332, 92.0833, 104.4487**.

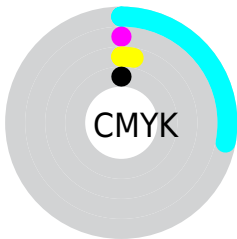
Distribution



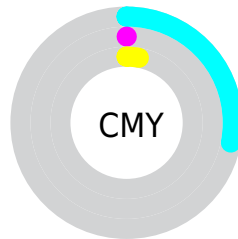
- Red (72%)
- Green (100%)
- Blue (97%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4704, 88.4877, 102.0672 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 72.4704, 88.4877, 102.0672 by changing the saturation by 10% instead.


 72.4704, 88.4877,
102.0672

 72.4704, 88.4877,
102.0672


458.3095,
523.0990, 588.1034

 53.8299, 66.7270,
77.4016


 121.7323,
145.2359, 166.0717

 38.6958, 48.8628,
57.0690


153.0843,
180.9923, 206.2476

 26.7028, 34.5107,
40.6509


189.4042,
222.1827, 252.4308

 17.4856, 23.2862,
27.7288

231.0574,
269.1916, 305.0397

 10.6787, 14.8050,
17.8840

278.4091,
322.4032, 364.4928

 5.9169, 8.6826,
10.6982

331.8248,

 2.8348, 4.5348,

382.2021, 431.2088

5.7527

391.6698,
448.9726, 505.6061

■ 1.0670, 1.9770,
2.6289

■ 0.0000, 0.5940,
0.9073

■ 72.4704, 88.4877,
102.0672

■ 72.4704, 88.4877,
102.0672

■ 66.5157, 85.4626,
99.7677

■ 79.5332, 92.0833,
104.4487

■ 61.6071, 82.9763,
97.5430

■ 87.7561, 96.2763,
106.9106

■ 57.6808, 80.9958,
95.3914

95.0500, 100.0000,
108.9000

■ 54.6648, 79.4839,
93.3095

■ 52.4773, 78.3986,
91.2932

■ 51.0218, 77.6900,
89.3379

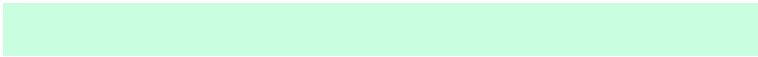
■ 50.1691, 77.2916,
87.4376

■ 50.0239, 77.2256,
87.0329

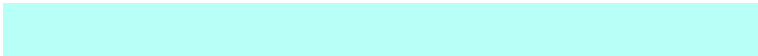
Harmonies

Analogous

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



73.0673, 88.4877, 84.2569



72.4704, 88.4877, 102.0672



74.8652, 88.4877, 120.4726

Triad

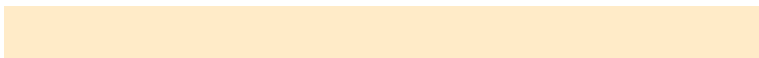
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4704, 88.4877, 102.0672



92.1533, 88.4877, 126.5412



88.5944, 88.4877, 66.8904

Complementary

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



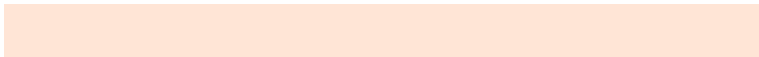
72.4704, 88.4877, 102.0672



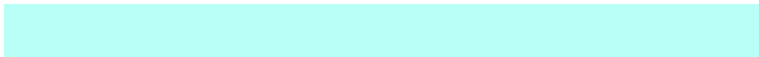
67.7851, 59.3037, 57.1648

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.



94.0752, 88.4877, 75.6804



72.4704, 88.4877, 102.0672



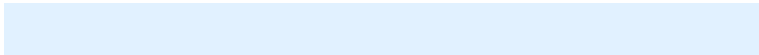
96.2016, 88.4877, 109.5439

Square

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



72.4704, 88.4877, 102.0672



86.0788, 88.4877, 135.7409



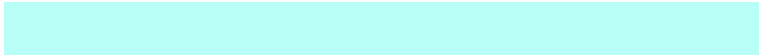
96.9224, 88.4877, 90.8467



82.1614, 88.4877, 65.4252

Rectangle

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



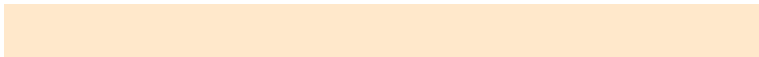
72.4704, 88.4877, 102.0672



77.9113, 88.4877, 130.0664



96.9224, 88.4877, 90.8467



90.6183, 88.4877, 69.0274

Sweetspot

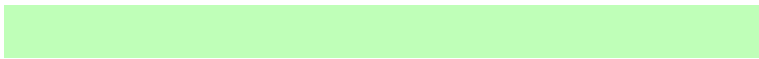
The Sweet Spot groups the original color and five complimentary colors.



72.4714, 88.4881, 102.0687



87.6169, 96.2053, 106.8710



65.9236, 86.0705, 58.4876



18.4731, 20.4488, 22.7944



0.0000, 0.0000, 0.0000



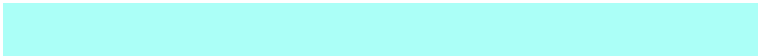
20.3446, 21.4041, 23.3091

Same Dimension

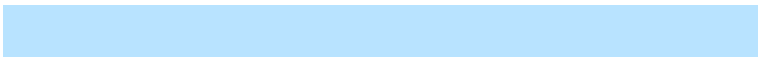
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4714, 88.4881, 102.0687



69.2650, 86.8583, 100.8722



65.1779, 72.1309, 105.0952



18.4731, 20.4488, 22.7944



26.1701, 40.3646, 45.6426



2.5695, 3.9387, 4.5570

Inverse Universe

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



67.7851, 59.3037, 57.1648



63.9259, 53.5897, 49.6991



73.5360, 72.0088, 55.3722



18.0821, 18.0162, 19.0495



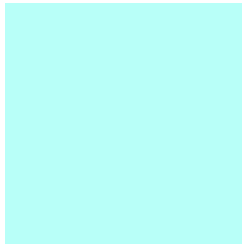
21.6651, 11.1553, 1.6208



2.1326, 1.0954, 0.2795

Previews

White Background



This preview shows how the XYZ color 72.4704, 88.4877, 102.0672 looks on a white background.

Color Contrast Check

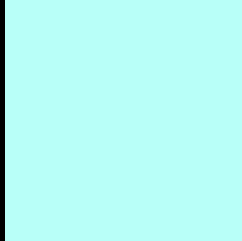
Large Text (above 18pt) WCAG AA × Fail

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 72.4704, 88.4877, 102.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

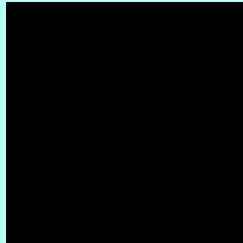
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

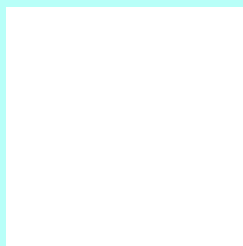
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4704, 88.4877, 102.0672

Background



This preview shows how black text looks on a background with the XYZ color 72.4704, 88.4877, 102.0672.

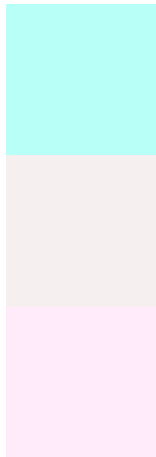


This preview shows how white text looks on a background with the XYZ color 72.4704, 88.4877,

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

72.4704, 88.4877, 102.0672

Protanopia

84.3963, 87.9646, 94.1921

Deuteranopia

88.2036, 87.5788, 102.6980



Tritanopia

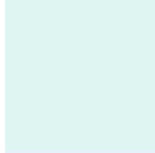
80.5210, 88.3472, 107.4165

Trichromacy



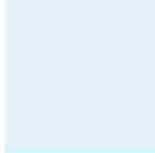
Original Color

72.4704, 88.4877, 102.0672



Protanomaly

79.1108, 87.4036, 96.7054



Deuteranomaly

81.1641, 87.0018, 102.1378



Tritanomaly

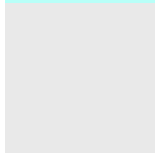
77.1785, 88.0450, 105.0221

Monochromacy



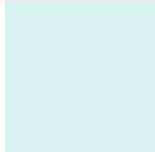
Original Color

72.4704, 88.4877, 102.0672



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.9122, 83.5307, 93.0637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4704, 88.4877, 102.0672 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(184, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 72.4704, 88.4877, 102.0672 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(184, 255, 248) }
```


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

```
.border{ border-color:rgb(184, 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(184, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 255, 248); box-shadow:4px 4px 4px 4px rgb(184, 255, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4704, 88.4877, 102.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 248) }
```

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

```
.background{ background-color: rgb(184,  
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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