

Converting Colors

XYZ(81.5356, 106.5569,
106.3592)

Have a look what the booklet for
XYZ(81.5356, 106.5569, 106.3592)
contains.

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Color

**XYZ(72.5438, 88.4894,
103.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FFFA
RGB	183, 255, 250
RGB Percent	72%, 100%, 98%
CMY	0.2823, 0.0000, 0.0196
CMYK	0.28, 0.00, 0.02, 0.00
HSL	176°, 100%, 86%
HSV	176°, 28%, 100%
XYZ	72.5438, 88.4894, 103.6992
YIQ	232.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

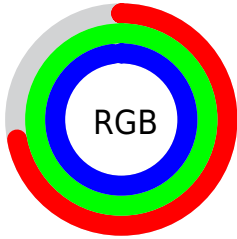
Format	Color
R_{YB}	183, 220, 255
Decimal	12058618
CIE _{Lab}	95.37, -23.09, -4.76
CIE _{LCh}	95, 23.577, 191.655
Yxy	88.4894, 0.2740, 0.3343
Android (android.graphics.Color)	4290248698 (0xFFB7FFFA)
YUV	232.9020, 8.4293, -43.7641
Hunter-Lab	94.0688, -26.9651, 0.4883

Details

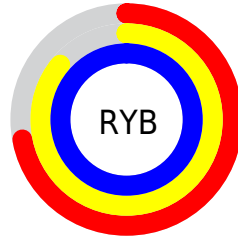
The XYZ color **72.5438, 88.4894, 103.6992** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2515, 58.7593, 55.3750**, and the grayscale version is **77.3393, 81.3669, 88.6086**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **38.8338, 48.8724, 58.4255** is the 20% darker color. If you saturate the color by 10%, you get **66.7423, 85.5305, 101.9867**, and if you desaturate by 10%, it is **79.4488, 92.0168, 105.4798**.

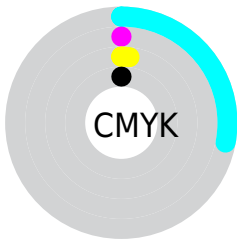
Distribution



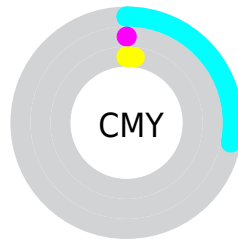
- Red (72%)
- Green (100%)
- Blue (98%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5438, 88.4894, 103.6992 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 72.5438, 88.4894, 103.6992 by changing the saturation by 10% instead.

 72.5438, 88.4894,
103.6992

 72.5438, 88.4894,
103.6992

458.5605,
523.1046, 593.3363

 53.8901, 66.7285,
78.7594


 121.8360,
145.2383, 168.3276

 38.7441, 48.8640,
58.1779


153.2051,
180.9951, 208.8532

 26.7405, 34.5116,
41.5360


189.5435,
222.1859, 255.4113

 17.5140, 23.2869,
28.4153

231.2164,
269.1951, 308.4203

 10.6992, 14.8055,
18.3972

278.5892,
322.4072, 368.2988

 5.9308, 8.6830,
11.0631

332.0272,

 2.8433, 4.5350,

382.2066, 435.4652

5.9946

391.8959,
448.9776, 510.3382

■ 1.0714, 1.9771,
2.7731

■ 0.0010, 0.5941,
0.9800

■ 72.5438, 88.4894,
103.6992

■ 72.5438, 88.4894,
103.6992

■ 66.7423, 85.5305,
101.9867

■ 79.4488, 92.0168,
105.4798

■ 61.9817, 83.1080,
100.3351

■ 87.5090, 96.1395,
107.3267

■ 58.1981, 81.1888,
98.7427

95.0500, 100.0000,
108.9000

■ 55.3193, 79.7358,
97.2062

■ 53.2629, 78.7064,
95.7215

■ 51.9317, 78.0506,
94.2843

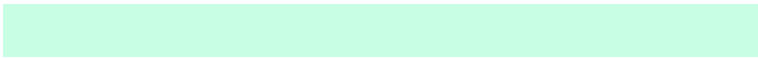
■ 51.1917, 77.6992,
92.8881

■ 51.0895, 77.6518,
92.6442

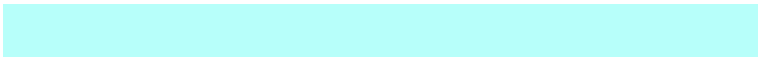
Harmonies

Analogous

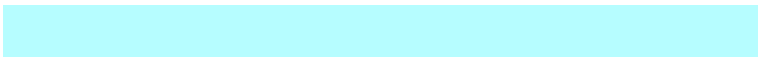
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8835, 88.4894, 85.6054



72.5438, 88.4894, 103.6992



75.1828, 88.4894, 121.9168

Triad

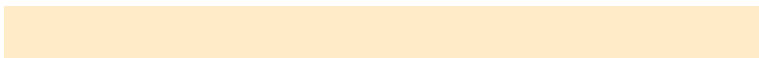
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5438, 88.4894, 103.6992



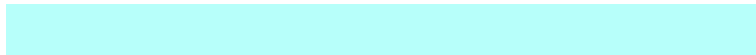
92.6151, 88.4894, 125.3752



88.0676, 88.4894, 66.4356

Complementary

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



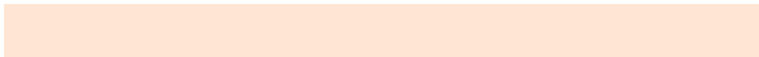
72.5438, 88.4894, 103.6992



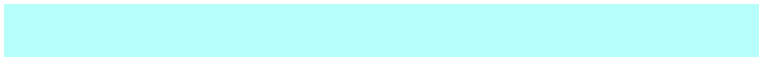
67.2515, 58.7593, 55.3750

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.



93.7098, 88.4894, 74.6333



72.5438, 88.4894, 103.6992



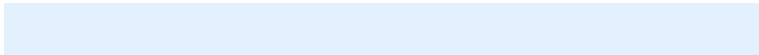
96.4263, 88.4894, 107.9578

Square

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



72.5438, 88.4894, 103.6992



86.6350, 88.4894, 135.4576



96.8369, 88.4894, 89.3563



81.6277, 88.4894, 65.6025

Rectangle

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



72.5438, 88.4894, 103.6992



78.3588, 88.4894, 131.0836



96.8369, 88.4894, 89.3563



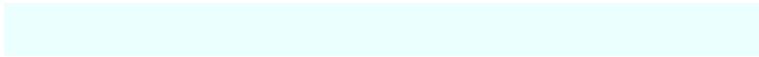
90.1286, 88.4894, 68.3675

Sweetspot

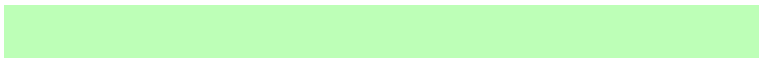
The Sweet Spot groups the original color and five complimentary colors.



72.5449, 88.4899, 103.7007



87.7118, 96.2433, 107.3707



65.2946, 85.7583, 57.9132



18.4972, 20.4584, 22.9213



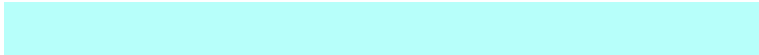
0.0000, 0.0000, 0.0000



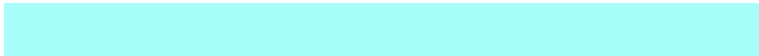
20.3446, 21.4041, 23.3091

Same Dimension

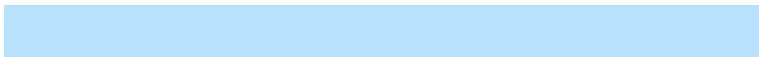
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5449, 88.4899, 103.7007



69.0683, 86.7162, 102.7047



64.5048, 71.1389, 104.9392



18.4972, 20.4584, 22.9213



26.7185, 40.5840, 48.5305



2.6172, 3.9578, 4.8079

Inverse Universe

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



67.2515, 58.7593, 55.3750



62.9692, 52.4446, 47.0116



73.5823, 72.2685, 54.8726



18.0605, 18.0075, 18.9358



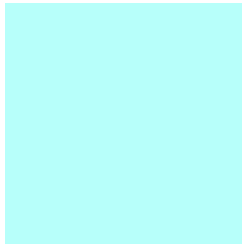
21.6232, 11.1386, 1.4005



2.1224, 1.0913, 0.2259

Previews

White Background



This preview shows how the XYZ color 72.5438, 88.4894, 103.6992 looks on a white background.

Color Contrast Check

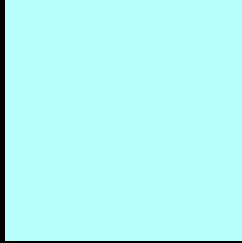
Large Text (above 18pt) WCAG AA × Fail

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 72.5438, 88.4894, 103.6992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

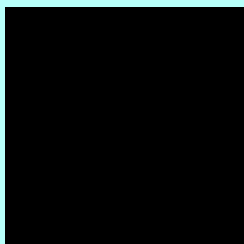
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

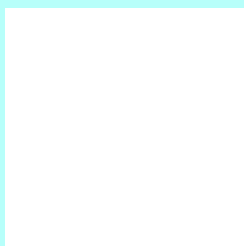
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5438, 88.4894, 103.6992

Background



This preview shows how black text looks on a background with the XYZ color 72.5438, 88.4894, 103.6992.

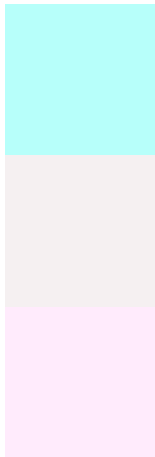


This preview shows how white text looks on a background with the XYZ color 72.5438, 88.4894,

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

72.5438, 88.4894, 103.6992

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

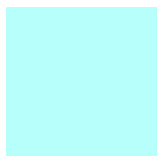
88.5190, 87.7049, 104.3588



Tritanopia

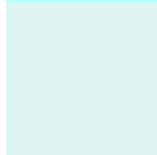
80.5210, 88.3472, 107.4165

Trichromacy



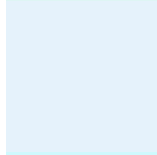
Original Color

72.5438, 88.4894, 103.6992



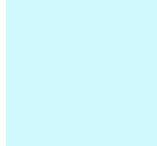
Protanomaly

79.1057, 87.3661, 98.2820



Deuteranomaly

81.4778, 87.1273, 103.7897



Tritanomaly

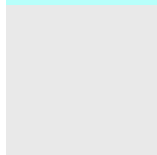
77.3374, 88.1086, 105.8591

Monochromacy



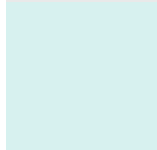
Original Color

72.5438, 88.4894, 103.6992



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0596, 83.5897, 93.8397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5438, 88.4894, 103.6992 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(183, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 250)  
}
```

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(183, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 72.5438, 88.4894, 103.6992 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(183, 255, 250) }
```


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

```
.border{ border-color:rgb(183, 255, 250) }
```

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

Here you see how a box with a 4 pixel rgb(183, 255, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5438, 88.4894, 103.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 250) }
```

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

```
.background{ background-color: rgb(183,  
255, 250) }
```

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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