

Converting Colors

XYZ(72.2639, 88.4609, 98.4568)

Have a look what the booklet for
XYZ(72.2639, 88.4609, 98.4568)
contains.

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Color

**XYZ(72.3388, 88.4908,
98.8557)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BAFFF4 |
| RGB | 186, 255, 244 |
| RGB Percent | 73%, 100%, 96% |
| CMY | 0.2706, 0.0000, 0.0431 |
| CMYK | 0.27, 0.00, 0.04, 0.00 |
| HSL | 170°, 100%, 86% |
| HSV | 170°, 27%, 100% |
| XYZ | 72.3388, 88.4908, 98.8557 |
| YIQ | 233.1150, -37.5930, -18.0490 |

Conversions

Conversions Part 2

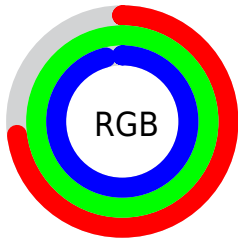
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 186, 223, 255 |
| Decimal | 12255220 |
| CIE Lab | 95.37, -23.52, -1.65 |
| CIE LCh | 95, 23.582, 184.011 |
| Yxy | 88.4908, 0.2786, 0.3408 |
| Android (android.graphics.Color) | 4290445300 (0xFFBAFFF4) |
| YUV | 233.1150, 5.3663, -41.3199 |
| Hunter-Lab | 94.0695, -27.3565, 3.5421 |

Details

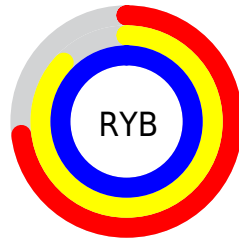
The XYZ color **72.3388, 88.4908, 98.8557** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8776, 60.4102, 60.8539**, and the grayscale version is **77.5196, 81.5567, 88.8152**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **38.6313, 48.8443, 54.9688** is the 20% darker color. If you saturate the color by 10%, you get **66.0767, 85.3330, 95.3774**, and if you desaturate by 10%, it is **79.7218, 92.2247, 102.4604**.

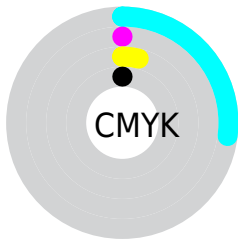
Distribution



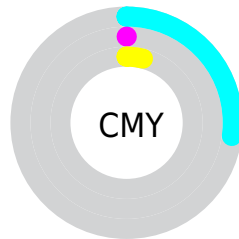
- Red (73%)
- Green (100%)
- Blue (96%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3388, 88.4908, 98.8557 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 72.3388, 88.4908, 98.8557 by changing the saturation by 10% instead.


 72.3388, 88.4908,
98.8557

 72.3388, 88.4908,
98.8557


457.8593,
523.1092, 577.7330

 53.7219, 66.7296,
74.7337


 121.5463,
145.2403, 161.6219

 38.6092, 48.8649,
54.8943


152.8676,
180.9973, 201.1032

 26.6352, 34.5123,
38.9191


189.1545,
222.1885, 246.5412

 17.4346, 23.2875,
26.3894

230.7723,
269.1981, 298.3547

 10.6420, 14.8059,
16.8868

278.0863,
322.4106, 356.9621

 5.8922, 8.6833,
9.9927

331.4619,

 2.8197, 4.5352,

382.2103, 422.7819

5.2886

391.2645,
448.9817, 496.2327

■ 1.0591, 1.9772,
2.3559

■ 0.0000, 0.5942,
0.7623

■ 72.3388, 88.4908,
98.8557

■ 72.3388, 88.4908,
98.8557

■ 66.0767, 85.3330,
95.3774

■ 79.7218, 92.2247,
102.4604

■ 60.8739, 82.7198,
92.0178

■ 88.2774, 96.5616,
106.1900

■ 56.6669, 80.6184,
88.7750

95.0500, 100.0000,
108.9000

■ 53.3843, 78.9921,
85.6452

■ 50.9452, 77.7991,
82.6241

■ 49.2544, 76.9902,
79.7067

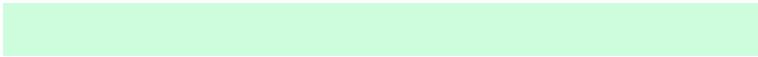
■ 48.1903, 76.5030,
76.8870

■ 47.9427, 76.3931,
76.0734

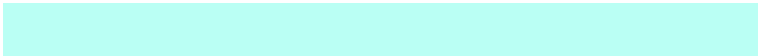
Harmonies

Analogous

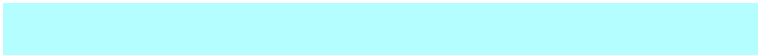
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4506, 88.4908, 81.6175



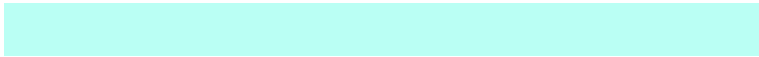
72.3388, 88.4908, 98.8557



74.2456, 88.4908, 117.6033

Triad

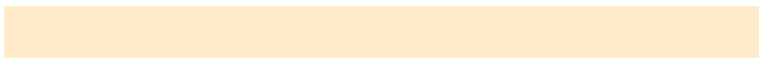
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3388, 88.4908, 98.8557



91.2335, 88.4908, 128.8758



89.6574, 88.4908, 67.8347

Complementary

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



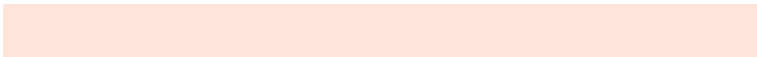
72.3388, 88.4908, 98.8557



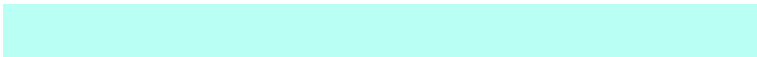
68.8776, 60.4102, 60.8539

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.



94.8070, 88.4908, 77.8277



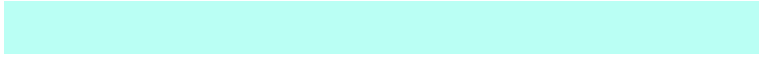
72.3388, 88.4908, 98.8557



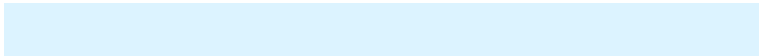
95.7491, 88.4908, 112.7598

Square

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



72.3388, 88.4908, 98.8557



84.9778, 88.4908, 136.2798



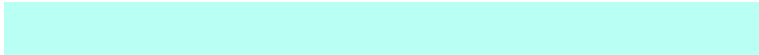
97.0888, 88.4908, 93.8898



83.2439, 88.4908, 65.1000

Rectangle

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



72.3388, 88.4908, 98.8557



77.0321, 88.4908, 128.0240



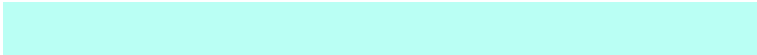
97.0888, 88.4908, 93.8898



91.6042, 88.4908, 70.3875

Sweetspot

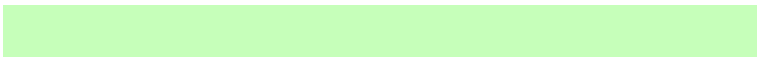
The Sweet Spot groups the original color and five complimentary colors.



72.3397, 88.4912, 98.8572



87.4198, 96.1265, 105.8332



67.7809, 87.0035, 59.6767



18.4231, 20.4288, 22.5312



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

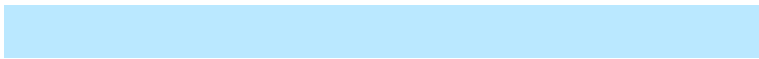
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3397, 88.4912, 98.8572



69.1081, 86.8603, 97.1222



67.1572, 75.3731, 105.6167



18.4231, 20.4288, 22.5312



25.0977, 39.9357, 39.9951



2.4756, 3.9011, 4.0621

Inverse Universe

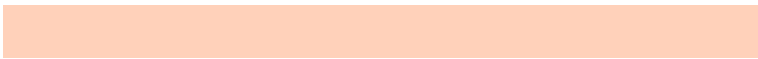
The Inverse Universe completely reimagines the original color for something new.



68.8776, 60.4102, 60.8539



65.1667, 54.8633, 53.8366



72.9041, 70.4071, 56.2033



18.1274, 18.0343, 19.2882



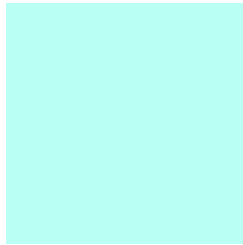
21.7894, 11.2050, 2.2754



2.1538, 1.1039, 0.3914

Previews

White Background



This preview shows how the XYZ color 72.3388, 88.4908, 98.8557 looks on a white background.

Color Contrast Check

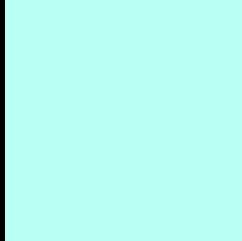
Large Text (above 18pt) WCAG AA × Fail

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 72.3388, 88.4908, 98.8557 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

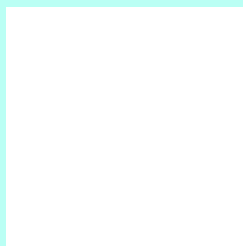
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3388, 88.4908, 98.8557

Background



This preview shows how black text looks on a background with the XYZ color 72.3388, 88.4908, 98.8557.

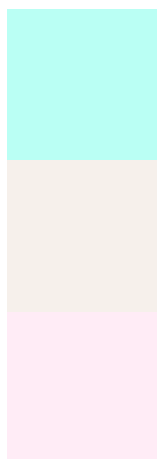


This preview shows how white text looks on a background with the XYZ color 72.3388, 88.4908,

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

72.3388, 88.4908, 98.8557

Protanopia

84.1615, 87.9112, 91.1300

Deuteranopia

87.8700, 87.9047, 99.5248



Tritanopia

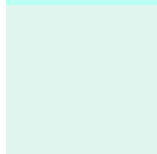
80.2176, 87.7405, 107.3154

Trichromacy



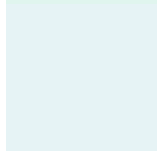
Original Color

72.3388, 88.4908, 98.8557



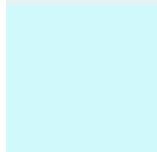
Protanomaly

78.8255, 87.3252, 93.5898



Deuteranomaly

81.1651, 87.5168, 99.0008



Tritanomaly

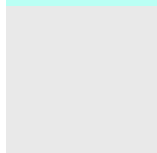
77.3007, 88.1263, 104.2027

Monochromacy



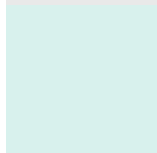
Original Color

72.3388, 88.4908, 98.8557



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0603, 83.6239, 92.3057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3388, 88.4908, 98.8557 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 72.3388, 88.4908, 98.8557 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, 244) }
```


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

```
.border{ border-color:rgb(186, 255, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3388, 88.4908, 98.8557 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, 244) }
```

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

```
.background{ background-color: rgb(186,  
255, 244) }
```

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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