

Converting Colors

XYZ(72.4233, 88.3880,
105.4693)

Have a look what the booklet for
XYZ(72.4233, 88.3880, 105.4693)
contains.

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Color

**XYZ(72.3867, 88.3720,
105.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FFFC
RGB	181, 255, 252
RGB Percent	71%, 100%, 99%
CMY	0.2902, 0.0000, 0.0118
CMYK	0.29, 0.00, 0.01, 0.00
HSL	178°, 100%, 85%
HSV	178°, 29%, 100%
XYZ	72.3867, 88.3720, 105.3378
YIQ	232.5320, -43.1410, -16.6210

Conversions

Conversions Part 2

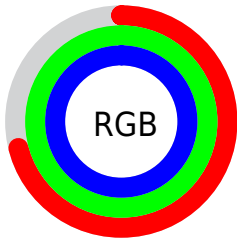
Format	Color
RYB	181, 219, 255
Decimal	11927548
CIELab	95.32, -23.21, -5.88
CIElCh	95, 23.941, 194.215
Yxy	88.3720, 0.2720, 0.3321
Android (android.graphics.Color)	4290117628 (0xFFB5FFFC)
YUV	232.5320, 9.5977, -45.1936
Hunter-Lab	94.0064, -27.0628, -0.6323

Details

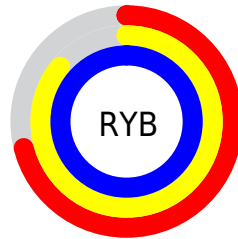
The XYZ color **72.3867, 88.3720, 105.3378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.4164, 57.7698, 52.9983**, and the grayscale version is **77.0538, 81.0666, 88.2815**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **38.5019, 48.6883, 58.9983** is the 20% darker color. If you saturate the color by 10%, you get **66.7820, 85.5015, 104.2245**, and if you desaturate by 10%, it is **79.0887, 91.8080, 106.5100**.

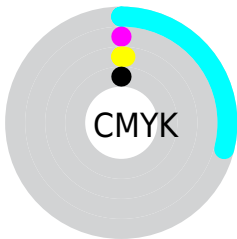
Distribution



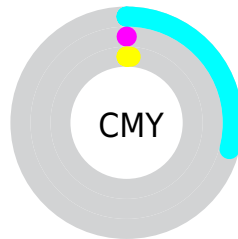
- Red (71%)
- Green (100%)
- Blue (99%)



- Red (71%)
- Yellow (86%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3867, 88.3720, 105.3378 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 72.3867, 88.3720, 105.3378 by changing the saturation by 10% instead.


 72.3867, 88.3720,
105.3378

 72.3867, 88.3720,
105.3378


458.0232,
522.7207, 598.5662

 53.7612, 66.6312,
80.1242


 121.6140,
145.0749, 170.5890

 38.6407, 48.7850,
59.2938


152.9465,
180.8059, 211.4637

 26.6598, 34.4489,
42.4281


189.2454,
221.9690, 258.3957

 17.4531, 23.2387,
29.1086

230.8761,
268.9486, 311.8037

 10.6554, 14.7699,
18.9167

278.2038,
322.1292, 372.1063

 5.9012, 8.6580,
11.4339

331.5940,

 2.8252, 4.5188,

381.8952, 439.7218

6.2416

391.4120,
448.6309, 515.0689

■ 1.0620, 1.9678,
2.9214

■ 0.0000, 0.5887,
1.0546

■ 72.3867, 88.3720,
105.3378

■ 72.3867, 88.3720,
105.3378

■ 66.7820, 85.5015,
104.2245

■ 79.0887, 91.8080,
106.5100

■ 62.2116, 83.1641,
103.1628

■ 86.9400, 95.8365,
107.7393

■ 58.6111, 81.3267,
102.1510

95.0500, 100.0000,
108.9000

■ 55.9077, 79.9516,
101.1859

■ 54.0179, 78.9959,
100.2635

■ 52.8432, 78.4086,
99.3792

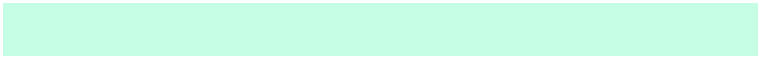
■ 52.2376, 78.1146,
98.5261

■ 52.1908, 78.0923,
98.4432

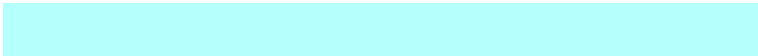
Harmonies

Analogous

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



72.4675, 88.3720, 86.7551



72.3867, 88.3720, 105.3378



75.3017, 88.3720, 123.5804

Triad

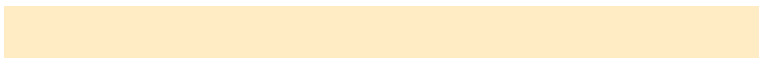
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3867, 88.3720, 105.3378



93.0715, 88.3720, 124.4070



87.4619, 88.3720, 65.5643

Complementary

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



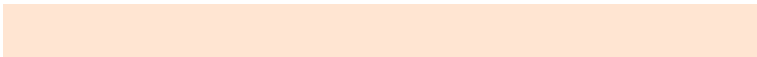
72.3867, 88.3720, 105.3378



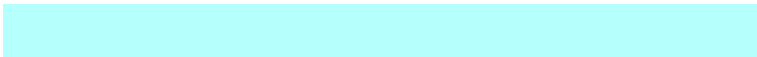
66.4164, 57.7698, 52.9983

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.



93.3327, 88.3720, 73.2325



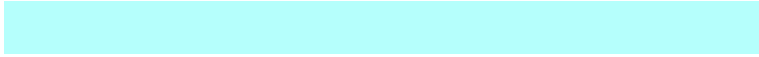
72.3867, 88.3720, 105.3378



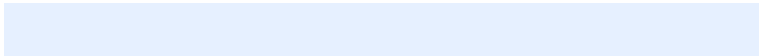
96.6842, 88.3720, 106.3539

Square

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



72.3867, 88.3720, 105.3378



87.1203, 88.3720, 135.5195



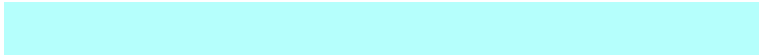
96.7822, 88.3720, 87.6481



80.9452, 88.3720, 65.3666

Rectangle

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



72.3867, 88.3720, 105.3378



78.6434, 88.3720, 132.4236



96.7822, 88.3720, 87.6481



89.5839, 88.3720, 67.3042

Sweetspot

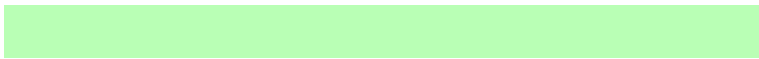
The Sweet Spot groups the original color and five complimentary colors.



72.3878, 88.3725, 105.3393



86.9556, 95.8444, 107.7416



64.0368, 85.1337, 56.7751



18.3518, 20.3810, 23.0220



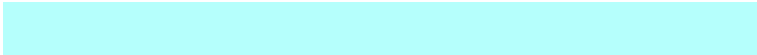
0.0000, 0.0000, 0.0000



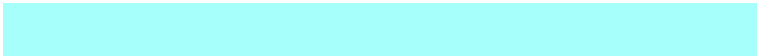
20.3446, 21.4041, 23.3091

Same Dimension

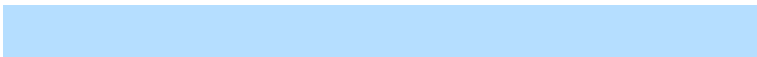
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3878, 88.3725, 105.3393



68.9067, 86.5893, 104.6659



63.1488, 69.1282, 104.6225



18.5212, 20.4680, 23.0475



27.2849, 40.8105, 51.5128



2.6661, 3.9774, 5.0657

Inverse Universe

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



66.4164, 57.7698, 52.9983



62.0267, 51.3200, 44.3532



73.7038, 72.8423, 53.8931



18.0392, 17.9990, 18.8236



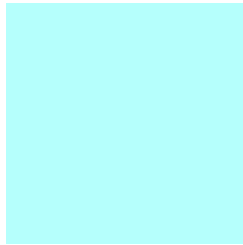
21.5912, 11.1258, 1.2320



2.1123, 1.0873, 0.1727

Previews

White Background



This preview shows how the XYZ color 72.3867, 88.3720, 105.3378 looks on a white background.

Color Contrast Check

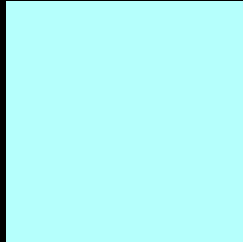
Large Text (above 18pt) WCAG AA × Fail

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 72.3867, 88.3720, 105.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

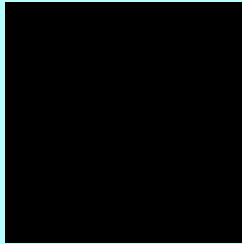
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3867, 88.3720, 105.3378

Background



This preview shows how black text looks on a background with the XYZ color 72.3867, 88.3720, 105.3378.

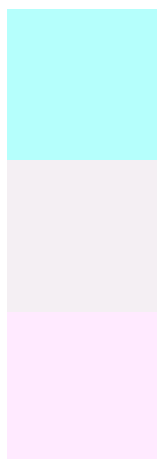


This preview shows how white text looks on a background with the XYZ color 72.3867, 88.3720,

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

72.3867, 88.3720, 105.3378

Protanopia

84.3524, 87.4372, 97.2252

Deuteranopia

88.7128, 87.3256, 106.7876



Tritanopia

80.2192, 88.1916, 107.4024

Trichromacy



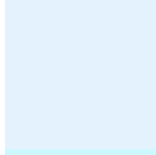
Original Color

72.3867, 88.3720, 105.3378



Protanomaly

79.1058, 87.3308, 99.8760



Deuteranomaly

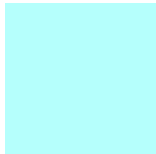
81.6364, 87.1540, 106.2856



Tritanomaly

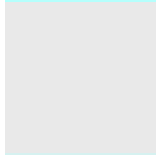
76.9419, 87.8863, 106.6744

Monochromacy



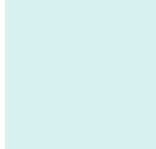
Original Color

72.3867, 88.3720, 105.3378



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.9150, 83.4980, 94.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3867, 88.3720, 105.3378 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(181, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 252)  
}
```

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(181, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 72.3867, 88.3720, 105.3378 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(181, 255, 252) }
```


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

```
.border{ border-color:rgb(181, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3867, 88.3720, 105.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 252) }
```

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

```
.background{ background-color: rgb(181,  
255, 252) }
```

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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