

Converting Colors

XYZ(72.0367, 88.3699, 97.2648)

Have a look what the booklet for
XYZ(72.0367, 88.3699, 97.2648)
contains.

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Color

**XYZ(72.0367, 88.3699,
97.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF2
RGB	186, 255, 242
RGB Percent	73%, 100%, 95%
CMY	0.2706, 0.0000, 0.0510
CMYK	0.27, 0.00, 0.05, 0.00
HSL	169°, 100%, 86%
HSV	169°, 27%, 100%
XYZ	72.0367, 88.3699, 97.2648
YIQ	232.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

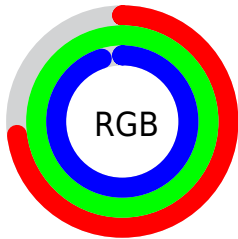
Format	Color
RYB	186, 224, 255
Decimal	12255218
CIELab	95.32, -23.94, -0.69
CIELCh	95, 23.952, 181.656
Yxy	88.3699, 0.2796, 0.3430
Android (android.graphics.Color)	4290445298 (0xFFBAFFF2)
YUV	232.8870, 4.4927, -41.1199
Hunter-Lab	94.0053, -27.7238, 4.4579

Details

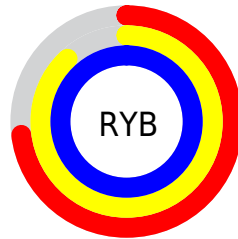
The XYZ color **72.0367, 88.3699, 97.2648** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1084, 60.5025, 62.0691**, and the grayscale version is **77.3541, 81.3826, 88.6256**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **38.4171, 48.7586, 53.8409** is the 20% darker color. If you saturate the color by 10%, you get **65.6729, 85.1715, 93.2510**, and if you desaturate by 10%, it is **79.5268, 92.1467, 101.4332**.

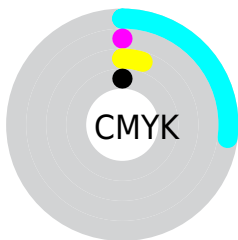
Distribution



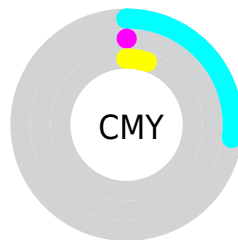
- Red (73%)
- Green (100%)
- Blue (95%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0367, 88.3699, 97.2648 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 72.0367, 88.3699, 97.2648 by changing the saturation by 10% instead.


 72.0367, 88.3699,
97.2648

 72.0367, 88.3699,
97.2648


456.8250,
522.7138, 572.5589

 53.4742, 66.6295,
73.4141

 121.1192,
145.0720, 159.4122

 38.4105, 48.7836,
53.8208


152.3700,
180.8025, 198.5461

 26.4801, 34.4478,
38.0662


188.5809,
221.9651, 243.6114

 17.3177, 23.2378,
25.7318

230.1173,
268.9442, 295.0267

 10.5580, 14.7692,
16.3992

277.3445,
322.1242, 353.2105

 5.8355, 8.6576,
9.6496

330.6280,

 2.7850, 4.5185,

381.8896, 418.5815

5.0647

390.3330,
448.6247, 491.5581

■ 1.0411, 1.9676,
2.2259

■ 0.0000, 0.5886,
0.6893

■ 72.0367, 88.3699,
97.2648

■ 72.0367, 88.3699,
97.2648

■ 65.6729, 85.1715,
93.2510

■ 79.5268, 92.1467,
101.4332

■ 60.3737, 82.5197,
89.3837

■ 88.1948, 96.5285,
105.7549

■ 56.0755, 80.3819,
85.6608

95.0500, 100.0000,
108.9000

■ 52.7069, 78.7211,
82.0780

■ 50.1869, 77.4957,
78.6308

■ 48.4202, 76.6566,
75.3140

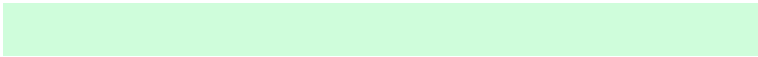
■ 47.2853, 76.1410,
72.1212

■ 47.0178, 76.0231,
71.2027

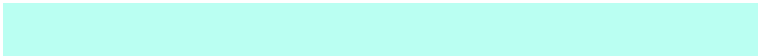
Harmonies

Analogous

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



73.4017, 88.3699, 80.1105



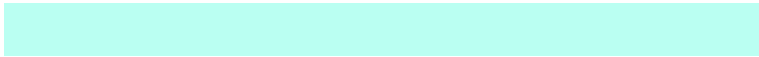
72.0367, 88.3699, 97.2648



73.7345, 88.3699, 116.3912

Triad

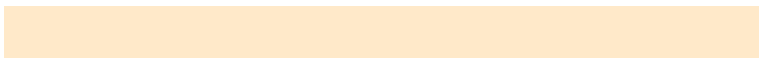
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0367, 88.3699, 97.2648



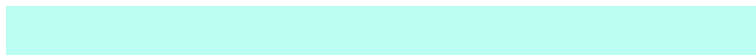
90.7688, 88.3699, 130.2563



90.1073, 88.3699, 67.8696

Complementary

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



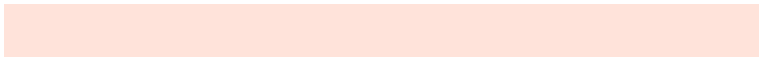
72.0367, 88.3699, 97.2648



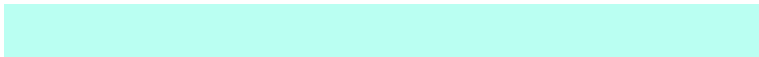
69.1084, 60.5025, 62.0691

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.



95.1612, 88.3699, 78.5250



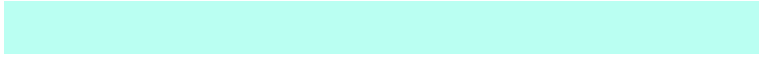
72.0367, 88.3699, 97.2648



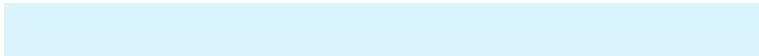
95.5569, 88.3699, 114.3557

Square

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



72.0367, 88.3699, 97.2648



84.3570, 88.3699, 136.9071



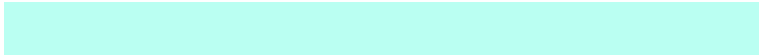
97.2039, 88.3699, 95.1823



83.6299, 88.3699, 64.5163

Rectangle

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



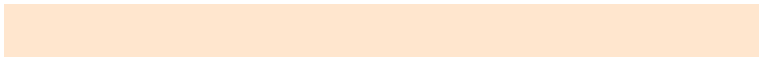
72.0367, 88.3699, 97.2648



76.4287, 88.3699, 127.3289



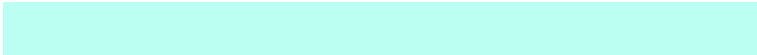
97.2039, 88.3699, 95.1823



92.0405, 88.3699, 70.6415

Sweetspot

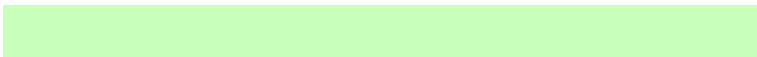
The Sweet Spot groups the original color and five complimentary colors.



72.0377, 88.3704, 97.2663



87.3264, 96.0891, 105.3410



68.3898, 87.3174, 59.7053



18.3995, 20.4193, 22.4065



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

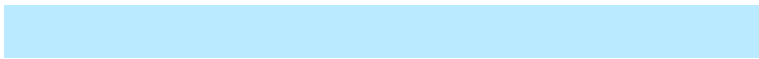
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0377, 88.3704, 97.2663



68.7551, 86.7191, 95.2631



67.8089, 76.6765, 105.8339



18.3995, 20.4193, 22.4065



24.6204, 39.7447, 37.4817



2.4333, 3.8843, 3.8397

Inverse Universe

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



69.1084, 60.5025, 62.0691



65.4210, 54.9650, 55.1759



72.3439, 69.2866, 56.0166



18.1491, 18.0430, 19.4026



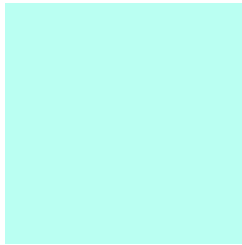
21.8677, 11.2364, 2.6877



2.1645, 1.1082, 0.4480

Previews

White Background



This preview shows how the XYZ color 72.0367, 88.3699, 97.2648 looks on a white background.

Color Contrast Check

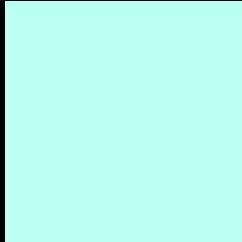
Large Text (above 18pt) WCAG AA × Fail

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 72.0367, 88.3699, 97.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

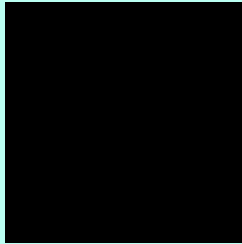
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

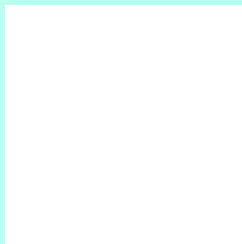
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0367, 88.3699, 97.2648

Background



This preview shows how black text looks on a background with the XYZ color 72.0367, 88.3699, 97.2648.



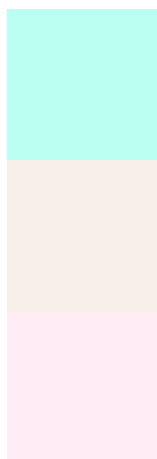
This preview shows how white text looks on a background with the XYZ color 72.0367, 88.3699,

97.2648.

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

72.0367, 88.3699, 97.2648

Protanopia

84.2258, 87.9775, 89.6330

Deuteranopia

87.7169, 87.8435, 98.7185



Tritanopia

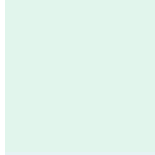
80.2176, 87.7405, 107.3154

Trichromacy



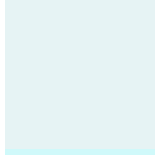
Original Color

72.0367, 88.3699, 97.2648



Protanomaly

78.8441, 87.3685, 92.0652



Deuteranomaly

81.0129, 87.4558, 98.1988



Tritanomaly

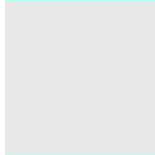
77.1434, 88.0634, 103.3745

Monochromacy



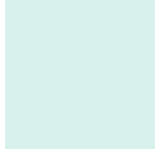
Original Color

72.0367, 88.3699, 97.2648



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.9145, 83.5657, 91.5382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0367, 88.3699, 97.2648 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.0367, 88.3699, 97.2648 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, 242) }
```


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

```
.border{ border-color:rgb(186, 255, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0367, 88.3699, 97.2648 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, 242) }
```

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

```
.background{ background-color: rgb(186,  
255, 242) }
```

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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