

Converting Colors

XYZ(72.3372, 86.5924,
107.5092)

Have a look what the booklet for
XYZ(72.3372, 86.5924, 107.5092)
contains.

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Color

**XYZ(72.3143, 86.4047,
107.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FBFF
RGB	184, 251, 255
RGB Percent	72%, 98%, 100%
CMY	0.2784, 0.0157, 0.0000
CMYK	0.28, 0.02, 0.00, 0.00
HSL	183°, 100%, 86%
HSV	183°, 28%, 100%
XYZ	72.3143, 86.4047, 107.4741
YIQ	231.4230, -41.2160, -12.9600

Conversions

Conversions Part 2

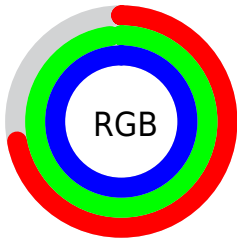
Format	Color
RYB	184, 218, 255
Decimal	12123135
CIELab	94.49, -19.77, -8.64
CIELCh	94, 21.579, 203.608
Yxy	86.4047, 0.2717, 0.3246
Android (android.graphics.Color)	4290313215 (0xFFB8FBFF)
YUV	231.4230, 11.6235, -41.5900
Hunter-Lab	92.9541, -23.8044, -3.4836

Details

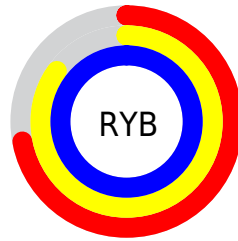
The XYZ color **72.3143, 86.4047, 107.4741** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.8749, 60.6866, 53.4854**, and the grayscale version is **76.2107, 80.1796, 87.3156**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **38.5381, 47.3279, 60.5301** is the 20% darker color. If you saturate the color by 10%, you get **66.3018, 82.6444, 107.0652**, and if you desaturate by 10%, it is **79.4357, 90.7461, 107.9368**.

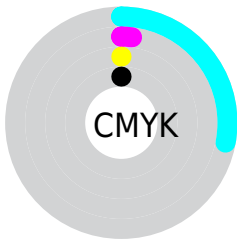
Distribution



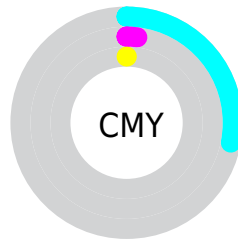
- Red (72%)
- Green (98%)
- Blue (100%)



- Red (72%)
- Yellow (85%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3143, 86.4047, 107.4741 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 72.3143, 86.4047, 107.4741 by changing the saturation by 10% instead.

72.3143, 86.4047,
107.4741

72.3143, 86.4047,
107.4741

457.7755,
516.2647, 605.3488

53.7018, 65.0027,
81.9054

121.5117,
142.3341, 173.5321

38.5931, 47.4633,
60.7522

152.8273,
177.6303, 214.8586

26.6226, 33.4020,
43.5960

189.1080,
218.3266, 262.2746

17.4251, 22.4346,
30.0181

230.7192,
264.8075, 316.1989

10.6352, 14.1766,
19.6002

278.0261,
317.4574, 377.0499

5.8876, 8.2436,
11.9236

331.3943,

2.8169, 4.2512,

376.6606, 445.2462

6.5697

391.1890,
442.8016, 521.2064

■ 1.0577, 1.8151,
3.1202

■ 0.0000, 0.4965,
1.1563

■ 72.3143, 86.4047,
107.4741

■ 72.3143, 86.4047,
107.4741

■ 66.3018, 82.6444,
107.0652

■ 79.4357, 90.7461,
107.9368

■ 61.3322, 79.4245,
106.7057

■ 87.7140, 95.6868,
108.4541

■ 57.3431, 76.7152,
106.3930

95.0500, 100.0000,
108.9000

■ 54.2625, 74.4792,
106.1237

■ 52.0087, 72.6744,
105.8942

■ 50.4850, 71.2510,
105.6997

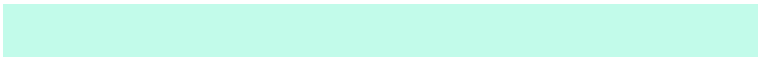
■ 49.5623, 70.1424,
105.5344

■ 49.4019, 69.9237,
105.5006

Harmonies

Analogous

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



71.5226, 86.4047, 90.5652



72.3143, 86.4047, 107.4741



75.6779, 86.4047, 122.2357

Triad

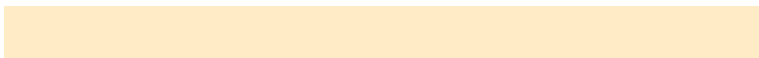
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3143, 86.4047, 107.4741



91.4436, 86.4047, 114.3532



83.3742, 86.4047, 65.7488

Complementary

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



72.3143, 86.4047, 107.4741



67.8749, 60.6866, 53.4854

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.



88.9284, 86.4047, 70.6183



72.3143, 86.4047, 107.4741



93.7268, 86.4047, 97.6846

Square

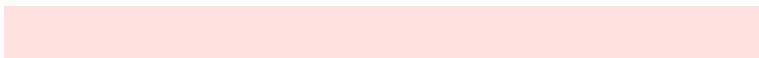
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3143, 86.4047, 107.4741



86.6776, 86.4047, 126.5232



92.7853, 86.4047, 81.8478



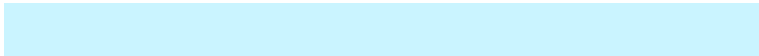
77.7348, 86.4047, 67.7190

Rectangle

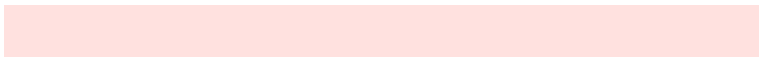
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3143, 86.4047, 107.4741



79.0146, 86.4047, 128.2075



92.7853, 86.4047, 81.8478



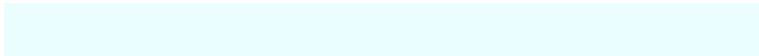
85.3161, 86.4047, 66.6195

Sweetspot

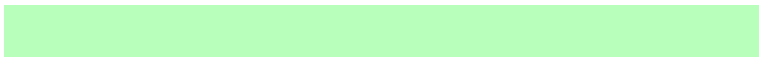
The Sweet Spot groups the original color and five complimentary colors.



72.3166, 86.4081, 107.4747



87.5739, 95.6039, 108.4455



64.5569, 85.3223, 60.3910



18.4622, 20.2959, 23.1944



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

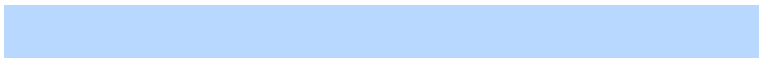
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3166, 86.4081, 107.4747



69.0798, 84.3969, 107.2571



62.3614, 66.4977, 104.1563



18.4622, 20.2959, 23.1944



25.8514, 36.6124, 55.1390



2.5427, 3.6161, 5.3772

Inverse Universe

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



75.7945, 62.5076, 99.3411



73.0714, 57.2479, 97.8588



76.2935, 77.5236, 56.2916



18.7459, 18.2817, 22.5451



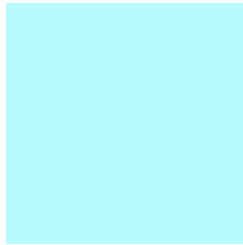
29.8368, 14.4240, 44.6525



2.9180, 1.4096, 4.4158

Previews

White Background



This preview shows how the XYZ color 72.3143, 86.4047, 107.4741 looks on a white background.

Color Contrast Check

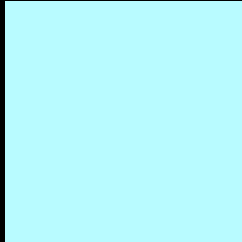
Large Text (above 18pt) WCAG AA × Fail

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 72.3143, 86.4047, 107.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

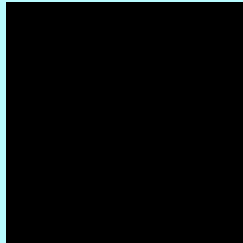
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

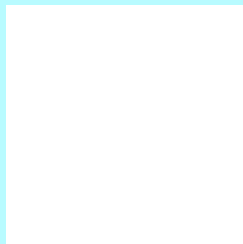
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3143, 86.4047, 107.4741

Background



This preview shows how black text looks on a background with the XYZ color 72.3143, 86.4047, 107.4741.

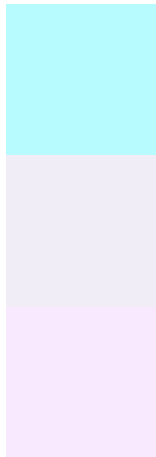


This preview shows how white text looks on a background with the XYZ color 72.3143, 86.4047,

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

72.3143, 86.4047, 107.4741

Protanopia

83.0079, 85.8090, 100.1835

Deuteranopia

86.2558, 85.6376, 106.5913



Tritanopia

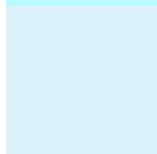
77.8413, 86.0675, 107.1178

Trichromacy



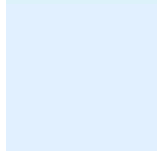
Original Color

72.3143, 86.4047, 107.4741



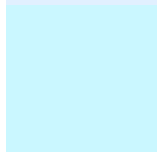
Protanomaly

78.5226, 85.6220, 102.8306



Deuteranomaly

80.2614, 85.5477, 106.8899



Tritanomaly

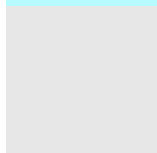
75.6679, 86.2981, 107.2768

Monochromacy



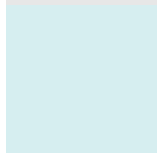
Original Color

72.3143, 86.4047, 107.4741



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.0343, 81.7365, 94.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3143, 86.4047, 107.4741 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, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 251, 255)  
}
```

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, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.3143, 86.4047, 107.4741 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, 251, 255) }
```


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

```
.border{ border-color:rgb(184, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3143, 86.4047, 107.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 251, 255) }
```

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

```
.background{ background-color: rgb(184,  
251, 255) }
```

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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