

Converting Colors

XYZ(72.9331, 86.5583,
107.1809)

Have a look what the booklet for
XYZ(72.9331, 86.5583, 107.1809)
contains.

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Color

**XYZ(73.0407, 86.7792,
107.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFBFF
RGB	187, 251, 255
RGB Percent	73%, 98%, 100%
CMY	0.2667, 0.0157, 0.0000
CMYK	0.27, 0.02, 0.00, 0.00
HSL	184°, 100%, 87%
HSV	184°, 27%, 100%
XYZ	73.0407, 86.7792, 107.5081
YIQ	232.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

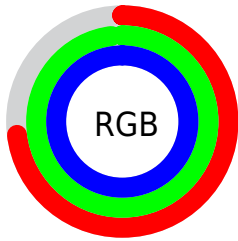
Format	Color
RYB	187, 220, 255
Decimal	12319743
CIELab	94.64, -18.94, -8.39
CIELCh	95, 20.712, 203.891
Yxy	86.7792, 0.2732, 0.3246
Android (android.graphics.Color)	4290509823 (0xFFBBFBFF)
YUV	232.3200, 11.1812, -39.7456
Hunter-Lab	93.1554, -23.0646, -3.2163

Details

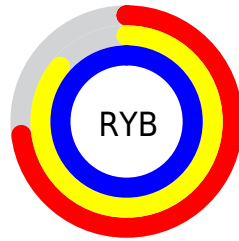
The XYZ color **73.0407, 86.7792, 107.5081** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.8404, 62.1088, 55.3754**, and the grayscale version is **76.8834, 80.8873, 88.0863**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **39.0005, 47.5663, 60.5518** is the 20% darker color. If you saturate the color by 10%, you get **66.8820, 82.9144, 107.0868**, and if you desaturate by 10%, it is **80.3153, 91.2292, 107.9837**.

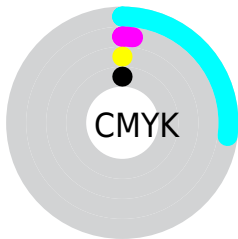
Distribution



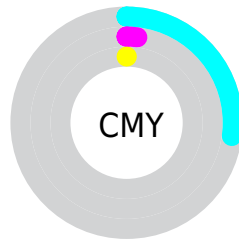
- Red (73%)
- Green (98%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0407, 86.7792, 107.5081 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 73.0407, 86.7792, 107.5081 by changing the saturation by 10% instead.

73.0407, 86.7792,
107.5081

73.0407, 86.7792,
107.5081

460.2575,
517.4970, 605.4565

54.2977, 65.3125,
81.9338

122.5378,
142.8563, 173.5789

39.0714, 47.7145,
60.7755

154.0227,
178.2356, 214.9125

26.9962, 33.6009,
43.6146

190.4855,
219.0211, 262.3363

17.7070, 22.5871,
30.0327

232.2918,
265.5973, 316.2687

10.8382, 14.2890,
19.6111

279.8067,
318.3486, 377.1284

6.0246, 8.3219,
11.9314

333.3958,

2.9009, 4.3016,

377.6594, 445.3339

6.5750

393.4242,
443.9141, 521.3038

■ 1.1016, 1.8437,
3.1234

■ 0.0264, 0.5142,
1.1580

■ 73.0407, 86.7792,
107.5081

■ 73.0407, 86.7792,
107.5081

■ 66.8820, 82.9144,
107.0868

■ 80.3153, 91.2292,
107.9837

■ 61.7738, 79.5945,
106.7152

■ 88.7532, 96.2822,
108.5143

■ 57.6543, 76.7897,
106.3909

95.0500, 100.0000,
108.9000

■ 54.4526, 74.4635,
106.1107

■ 52.0881, 72.5743,
105.8707

■ 50.4665, 71.0736,
105.6664

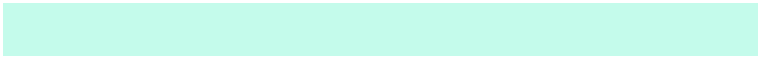
■ 49.4690, 69.9000,
105.4925

■ 49.2153, 69.5505,
105.4384

Harmonies

Analogous

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



72.2508, 86.7792, 91.2503



73.0407, 86.7792, 107.5081



76.3088, 86.7792, 121.5962

Triad

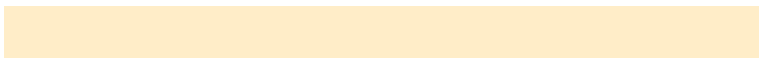
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0407, 86.7792, 107.5081



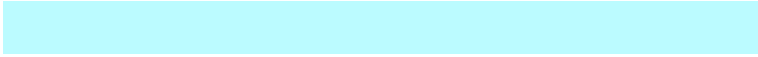
91.4709, 86.7792, 113.8099



83.6299, 86.7792, 67.0713

Complementary

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



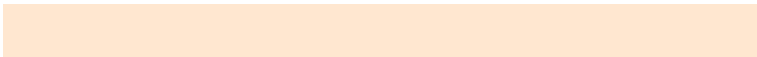
73.0407, 86.7792, 107.5081



68.8404, 62.1088, 55.3754

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.



88.9774, 86.7792, 71.7412



73.0407, 86.7792, 107.5081



93.6341, 86.7792, 97.8009

Square

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



73.0407, 86.7792, 107.5081



86.9102, 86.7792, 125.5124



92.7016, 86.7792, 82.5636



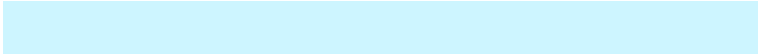
78.2050, 86.7792, 69.0497

Rectangle

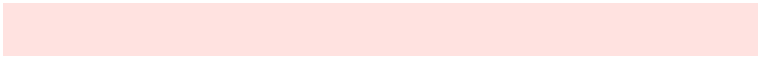
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0407, 86.7792, 107.5081



79.5352, 86.7792, 127.2467



92.7016, 86.7792, 82.5636



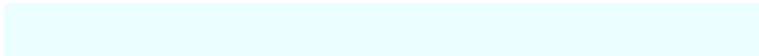
85.4987, 86.7792, 67.8972

Sweetspot

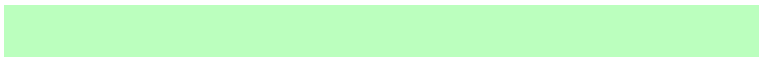
The Sweet Spot groups the original color and five complimentary colors.



73.0430, 86.7826, 107.5087



87.5578, 95.5718, 108.4402



65.5927, 85.8205, 62.0544



18.4581, 20.2878, 23.1930



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.



73.0430, 86.7826, 107.5087



69.6217, 84.6490, 107.2772



63.5125, 67.7217, 104.3319



18.4581, 20.2878, 23.1930



25.7554, 36.4204, 55.1070



2.5344, 3.5995, 5.3745

Inverse Universe

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



76.4243, 63.7673, 99.5511



73.5480, 58.2158, 97.9720



76.9736, 78.3753, 58.0865



18.7439, 18.2809, 22.5343



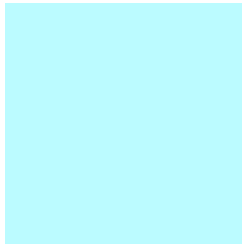
29.7883, 14.4046, 44.3974



2.9139, 1.4079, 4.3938

Previews

White Background



This preview shows how the XYZ color 73.0407, 86.7792, 107.5081 looks on a white background.

Color Contrast Check

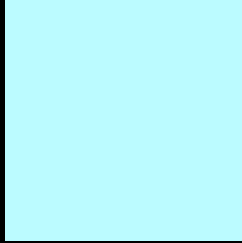
Large Text (above 18pt) WCAG AA × Fail

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 73.0407, 86.7792, 107.5081 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

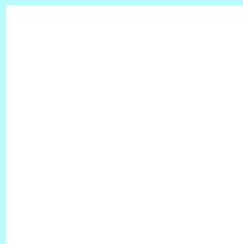
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0407, 86.7792, 107.5081

Background



This preview shows how black text looks on a background with the XYZ color 73.0407, 86.7792, 107.5081.

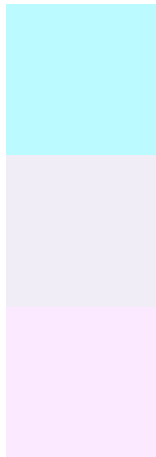


This preview shows how white text looks on a background with the XYZ color 73.0407, 86.7792,

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

73.0407, 86.7792, 107.5081

Protanopia

83.3483, 85.9845, 100.1994

Deuteranopia

86.6133, 85.8218, 106.6080



Tritanopia

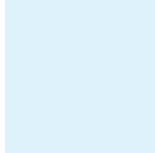
78.4250, 86.3684, 107.1451

Trichromacy



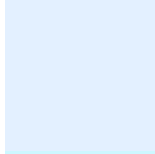
Original Color

73.0407, 86.7792, 107.5081



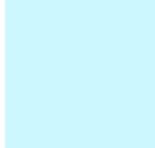
Protanomaly

78.8262, 85.7785, 102.8448



Deuteranomaly

80.8886, 85.8711, 106.9192



Tritanomaly

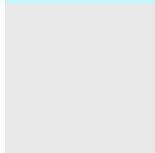
76.4876, 86.7207, 107.3152

Monochromacy



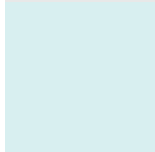
Original Color

73.0407, 86.7792, 107.5081



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.9136, 82.6232, 94.4376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0407, 86.7792, 107.5081 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(187, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0407, 86.7792, 107.5081 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(187, 251, 255) }
```


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

```
.border{ border-color:rgb(187, 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(187, 251, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0407, 86.7792, 107.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 251, 255) }
```

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

```
.background{ background-color: rgb(187,  
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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