

Converting Colors

XYZ(73.8919, 86.7977,
110.0944)

Have a look what the booklet for
XYZ(73.8919, 86.7977, 110.0944)
contains.

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Color

**XYZ(73.2219, 86.4100,
107.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	BDFAFF
RGB	189, 250, 255
RGB Percent	74%, 98%, 100%
CMY	0.2588, 0.0196, 0.0000
CMYK	0.26, 0.02, 0.00, 0.00
HSL	185°, 100%, 87%
HSV	185°, 26%, 100%
XYZ	73.2219, 86.4100, 107.4273
YIQ	232.3310, -37.9610, -11.3770

Conversions

Conversions Part 2

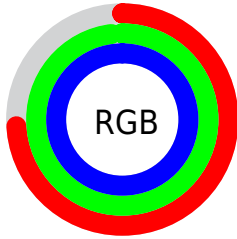
Format	Color
R _Y B	189, 221, 255
Decimal	12450559
CIE Lab	94.49, -17.88, -8.61
CIE LCh	94, 19.846, 205.709
Yxy	86.4100, 0.2742, 0.3236
Android (android.graphics.Color)	4290640639 (0xFFBDFAFF)
YUV	232.3310, 11.1758, -38.0013
Hunter-Lab	92.9570, -22.0709, -3.4496

Details

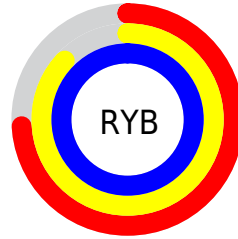
The XYZ color **73.2219, 86.4100, 107.4273** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.7172, 63.5173, 56.7316**, and the grayscale version is **76.8908, 80.8952, 88.0948**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **39.0945, 47.2855, 60.4926** is the 20% darker color. If you saturate the color by 10%, you get **66.8479, 82.2405, 106.9585**, and if you desaturate by 10%, it is **80.7186, 91.1719, 107.9513**.

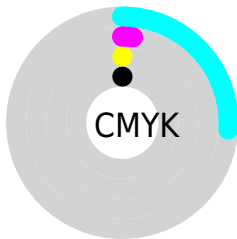
Distribution



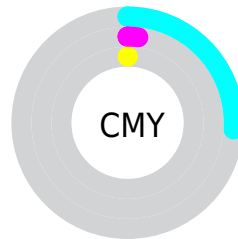
- Red (74%)
- Green (98%)
- Blue (100%)



- Red (74%)
- Yellow (87%)
- Blue (100%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2219, 86.4100, 107.4273 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 73.2219, 86.4100, 107.4273 by changing the saturation by 10% instead.

73.2219, 86.4100,
107.4273

73.2219, 86.4100,
107.4273

460.8754,
516.2822, 605.2007

54.4464, 65.0071,
81.8664

122.7936,
142.3415, 173.4677

39.1908, 47.4668,
60.7202

154.3206,
177.6388, 214.7843

27.0896, 33.4048,
43.5703

190.8288,
218.3364, 262.1898

17.7774, 22.4368,
29.9981

232.6835,
264.8187, 316.1028

10.8890, 14.1782,
19.5851

280.2502,
317.4700, 376.9419

6.0590, 8.2447,
11.9128

333.8942,

2.9220, 4.2519,

376.6748, 445.1255

6.5625

393.9808,
442.8173, 521.0723

■ 1.1126, 1.8155,
3.1158

■ 0.0357, 0.4968,
1.1540

■ 73.2219, 86.4100,
107.4273

■ 73.2219, 86.4100,
107.4273

■ 66.8479, 82.2405,
106.9585

■ 80.7186, 91.1719,
107.9513

■ 61.5315, 78.6230,
106.5405

■ 89.3853, 96.5438,
108.5314

■ 57.2116, 75.5283,
106.1708

95.0500, 100.0000,
108.9000

■ 53.8176, 72.9200,
105.8462

■ 51.2701, 70.7571,
105.5630

■ 49.4758, 68.9914,
105.3168

■ 48.3194, 67.5636,
105.1021

■ 47.9588, 67.0377,
105.0196

Harmonies

Analogous

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



72.3108, 86.4100, 91.9028



73.2219, 86.4100, 107.4273



76.4801, 86.4100, 120.5316

Triad

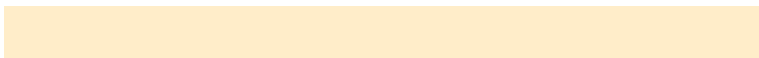
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2219, 86.4100, 107.4273



90.9085, 86.4100, 111.6442



82.9007, 86.4100, 67.7033

Complementary

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



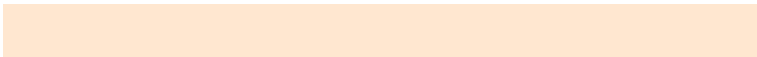
73.2219, 86.4100, 107.4273



69.7172, 63.5173, 56.7316

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.



88.0517, 86.4100, 71.8222



73.2219, 86.4100, 107.4273



92.8003, 86.4100, 96.3031

Square

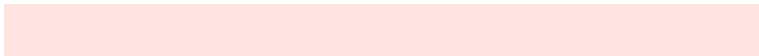
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2219, 86.4100, 107.4273



86.6653, 86.4100, 123.1454



91.7330, 86.4100, 81.8973



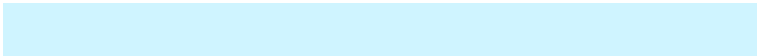
77.7560, 86.4100, 70.0002

Rectangle

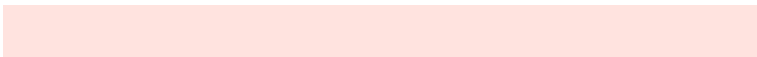
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2219, 86.4100, 107.4273



79.6216, 86.4100, 125.5553



91.7330, 86.4100, 81.8973



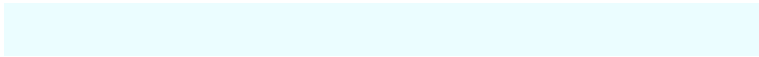
84.6908, 86.4100, 68.3700

Sweetspot

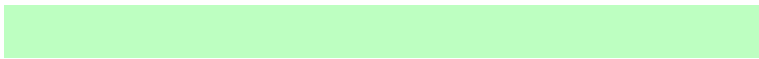
The Sweet Spot groups the original color and five complimentary colors.



73.2242, 86.4134, 107.4279



87.4484, 95.3529, 108.4037



66.4178, 86.2075, 63.8273



18.4303, 20.2322, 23.1838



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

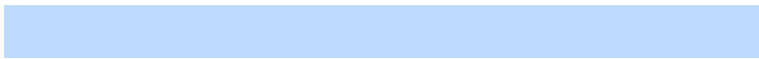
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2242, 86.4134, 107.4279



69.8240, 84.2059, 107.1810



64.0054, 67.9758, 104.3549



18.4303, 20.2322, 23.1838



25.1091, 35.1278, 54.8915



2.4784, 3.4875, 5.3558

Inverse Universe

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



76.6944, 64.5591, 98.8653



73.8570, 59.1317, 97.1570



77.7313, 79.5456, 59.4030



18.7298, 18.2752, 22.4604



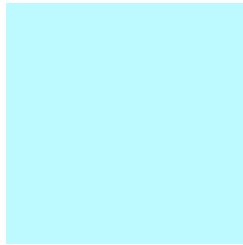
29.4621, 14.2741, 42.6794



2.8856, 1.3966, 4.2449

Previews

White Background



This preview shows how the XYZ color 73.2219, 86.4100, 107.4273 looks on a white background.

Color Contrast Check

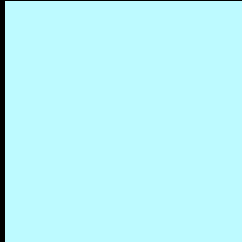
Large Text (above 18pt) WCAG AA × Fail

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 73.2219, 86.4100, 107.4273 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 73.2219, 86.4100, 107.4273

Background



This preview shows how black text looks on a background with the XYZ color 73.2219, 86.4100, 107.4273.



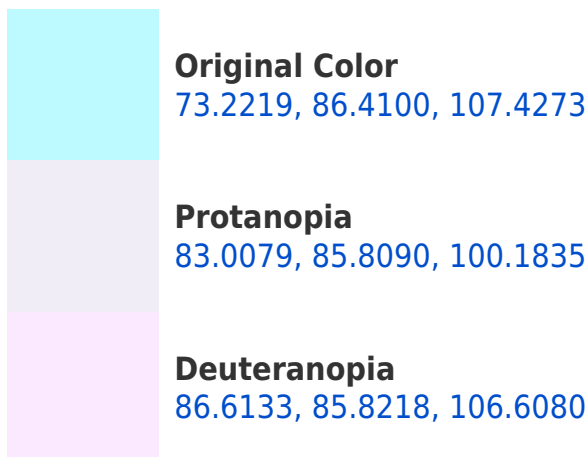
This preview shows how white text looks on a background with the XYZ color 73.2219, 86.4100,

107.4273.

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

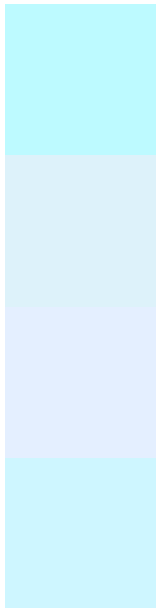




Tritanopia

78.4250, 86.3684, 107.1451

Trichromacy



Original Color

73.2219, 86.4100, 107.4273

Protanomaly

78.8262, 85.7785, 102.8448

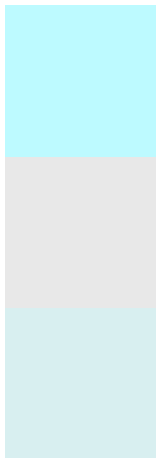
Deuteranomaly

80.9114, 85.4470, 106.8362

Tritanomaly

76.4594, 86.2533, 107.2265

Monochromacy



Original Color

73.2219, 86.4100, 107.4273

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 73.2219, 86.4100, 107.4273 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(189, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 250, 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(189, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2219, 86.4100, 107.4273 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(189, 250, 255) }
```


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

```
.border{ border-color:rgb(189, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(189, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2219, 86.4100, 107.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 250, 255) }
```

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

```
.background{ background-color: rgb(189,  
250, 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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