

Converting Colors

XYZ(102.3350, 100.0000,
253.8175)

Have a look what the booklet for
XYZ(102.3350, 100.0000, 253.8175)
contains.

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Color

**XYZ(74.7270, 89.0508,
107.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFEFF
RGB	190, 254, 255
RGB Percent	75%, 100%, 100%
CMY	0.2549, 0.0039, 0.0000
CMYK	0.25, 0.00, 0.00, 0.00
HSL	181°, 100%, 87%
HSV	181°, 25%, 100%
XYZ	74.7270, 89.0508, 107.8577
YIQ	234.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

Format	Color
R_{YB}	190, 222, 255
Decimal	12517119
CIE _{Lab}	95.60, -19.56, -6.95
CIE _{LCh}	96, 20.764, 199.566
Yxy	89.0508, 0.2751, 0.3278
Android (android.graphics.Color)	4290707199 (0xFFBEFEFF)
YUV	234.9780, 9.8708, -39.4457
Hunter-Lab	94.3667, -23.7914, -1.7096

Details

The XYZ color **74.7270, 89.0508, 107.8577** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1650, 62.2386, 57.0848**, and the grayscale version is **78.8991, 83.0080, 90.3957**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **40.1510, 49.1606, 60.7988** is the 20% darker color. If you saturate the color by 10%, you get **68.7835, 85.8054, 107.5446**, and if you desaturate by 10%, it is **81.7897, 92.8781, 108.2242**.

Distribution



- Red (75%)
- Green (100%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7270, 89.0508, 107.8577 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 74.7270, 89.0508, 107.8577 by changing the saturation by 10% instead.

74.7270, 89.0508,
107.8577

74.7270, 89.0508,
107.8577

465.9904,
524.9383, 606.5626

55.6827, 67.1937,
82.2255

124.9158,
146.0192, 174.0600

40.1845, 49.2420,
61.0145

156.7910,
181.8993, 215.4672

27.8673, 34.8115,
43.8063

193.6738,
223.2224, 262.9697

18.3656, 23.5177,
30.1821

235.9297,
270.3730, 316.9863

11.3141, 14.9762,
19.7237

283.9239,
323.7355, 377.9353

6.3473, 8.8027,
12.0123

338.0219,

3.1001, 4.6127,

383.6943, 446.2353

6.6294

398.5889,
450.6338, 522.3049

■ 1.2069, 2.0219,
3.1565

■ 0.1118, 0.6201,
1.1751

■ 74.7270, 89.0508,
107.8577

■ 74.7270, 89.0508,
107.8577

■ 68.7835, 85.8054,
107.5446

■ 81.7897, 92.8781,
108.2242

■ 63.8941, 83.1014,
107.2803

■ 90.0183, 97.3047,
108.6449

■ 59.9978, 80.9098,
107.0627

95.0500, 100.0000,
108.9000

■ 57.0246, 79.1945,
106.8883

■ 54.8953, 77.9146,
106.7535

■ 53.5176, 77.0225,
106.6539

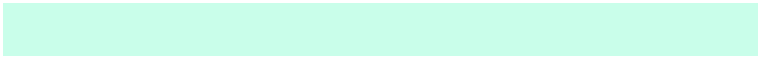
■ 52.7770, 76.4592,
106.5842

■ 52.5772, 76.2744,
106.5591

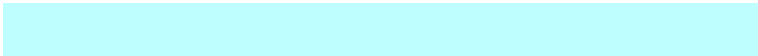
Harmonies

Analogous

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



74.3121, 89.0508, 91.3867



74.7270, 89.0508, 107.8577



77.7287, 89.0508, 122.8696

Triad

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



74.7270, 89.0508, 107.8577



93.2597, 89.0508, 118.7777



86.6406, 89.0508, 69.2510

Complementary

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



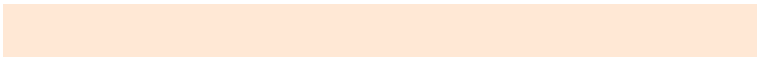
74.7270, 89.0508, 107.8577



69.1650, 62.2386, 57.0848

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.



91.9496, 89.0508, 74.9776



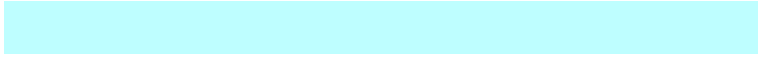
74.7270, 89.0508, 107.8577



95.8833, 89.0508, 102.7578

Square

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



74.7270, 89.0508, 107.8577



88.3639, 89.0508, 129.6476



95.3933, 89.0508, 86.8244



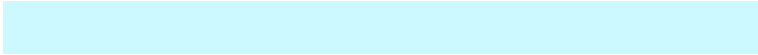
81.0224, 89.0508, 70.2896

Rectangle

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



74.7270, 89.0508, 107.8577



80.8709, 89.0508, 129.4502



95.3933, 89.0508, 86.8244



88.5247, 89.0508, 70.4210

Sweetspot

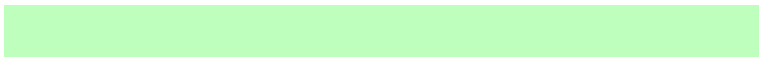
The Sweet Spot groups the original color and five complimentary colors.



74.7293, 89.0543, 107.8583



87.8395, 96.1351, 108.5340



66.2905, 86.1854, 61.8585



18.5296, 20.4309, 23.2169



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

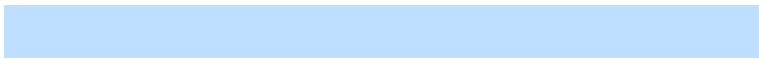
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7293, 89.0543, 107.8583



71.3183, 87.1946, 107.6791



65.5406, 70.6769, 104.7954



18.5296, 20.4309, 23.2169



27.4836, 39.8768, 55.6830



2.6833, 3.8974, 5.4241

Inverse Universe

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



77.5443, 65.2443, 102.2765



74.6113, 59.4334, 101.1289



76.7893, 77.4872, 59.6262



18.7800, 18.2953, 22.7245



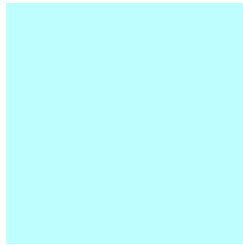
30.6607, 14.7536, 48.9909



2.9890, 1.4380, 4.7896

Previews

White Background



This preview shows how the XYZ color 74.7270, 89.0508, 107.8577 looks on a white background.

Color Contrast Check

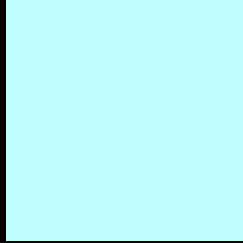
Large Text (above 18pt) WCAG AA × Fail

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 74.7270, 89.0508, 107.8577 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 74.7270, 89.0508, 107.8577

Background



This preview shows how black text looks on a background with the XYZ color 74.7270, 89.0508, 107.8577.

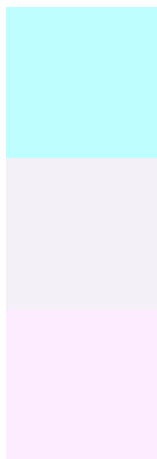


This preview shows how white text looks on a background with the XYZ color 74.7270, 89.0508,

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

74.7270, 89.0508, 107.8577

Protanopia

85.2568, 88.2687, 100.5397

Deuteranopia

88.5535, 88.0936, 106.9442



Tritanopia

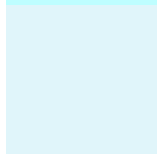
81.4372, 88.8195, 107.4594

Trichromacy



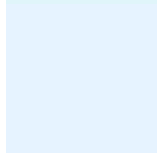
Original Color

74.7270, 89.0508, 107.8577



Protanomaly

80.6482, 88.0542, 103.1880



Deuteranomaly

82.7337, 88.1442, 107.2607



Tritanomaly

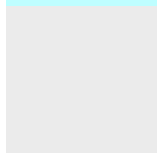
78.7897, 88.8202, 107.5991

Monochromacy



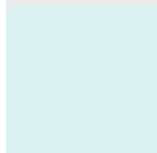
Original Color

74.7270, 89.0508, 107.8577



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.9926, 84.9751, 96.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7270, 89.0508, 107.8577 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(190, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 254, 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(190, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.7270, 89.0508, 107.8577 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(190, 254, 255) }
```


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

```
.border{ border-color:rgb(190, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7270, 89.0508, 107.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 254, 255) }
```

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

```
.background{ background-color: rgb(190,  
254, 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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