

Converting Colors

XYZ(73.8906, 89.2438, 90.4035)

Have a look what the booklet for
XYZ(73.8906, 89.2438, 90.4035)
contains.

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Color

**XYZ(74.0212, 89.5453,
90.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFE9
RGB	199, 255, 233
RGB Percent	78%, 100%, 91%
CMY	0.2196, 0.0000, 0.0863
CMYK	0.22, 0.00, 0.09, 0.00
HSL	156°, 100%, 89%
HSV	156°, 22%, 100%
XYZ	74.0212, 89.5453, 90.4734
YIQ	235.7480, -26.3140, -18.7140

Conversions

Conversions Part 2

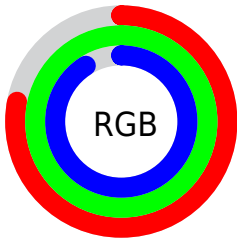
Format	Color
RYB	199, 234, 255
Decimal	13107177
CIELab	95.81, -21.91, 4.75
CIElCh	96, 22.419, 167.777
Yxy	89.5453, 0.2914, 0.3525
Android (android.graphics.Color)	4291297257 (0xFFC7FFE9)
YUV	235.7480, -1.3548, -32.2280
Hunter-Lab	94.6284, -25.9715, 9.5532

Details

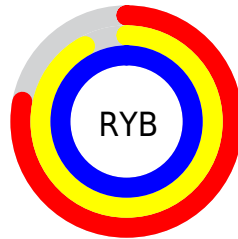
The XYZ color **74.0212, 89.5453, 90.4734** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7152, 67.3284, 77.4648**, and the grayscale version is **79.5603, 83.7036, 91.1532**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6315, 49.4918, 49.0590** is the 20% darker color. If you saturate the color by 10%, you get **66.4221, 85.7885, 82.8590**, and if you desaturate by 10%, it is **82.8370, 93.9199, 98.5717**.

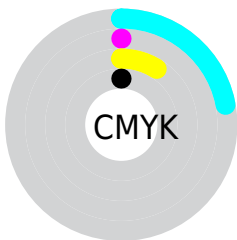
Distribution



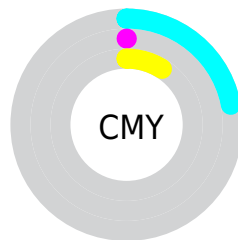
- Red (78%)
- Green (100%)
- Blue (91%)



- Red (78%)
- Yellow (92%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0212, 89.5453, 90.4734 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 74.0212, 89.5453, 90.4734 by changing the saturation by 10% instead.


 74.0212, 89.5453,
90.4734

 74.0212, 89.5453,
90.4734


463.5957,
526.5506, 550.1794

 55.1027, 67.6036,
67.7974


123.9212,
146.7066, 149.9371

 39.7181, 49.5753,
49.2673


155.6334,
182.6950, 187.5618

 27.5021, 35.0761,
34.4645


192.3410,
224.1345, 231.0066

 18.0892, 23.7215,
22.9704

234.4092,
271.4093, 280.6899

 11.1141, 15.1271,
14.3666

282.2034,
324.9039, 337.0303

 6.2115, 8.9087,
8.2344

336.0890,

 3.0160, 4.6817,

385.0028, 400.4463

4.1554

396.4313,
452.0902, 471.3565

■ 1.1622, 2.0617,
1.7110

■ 0.0762, 0.6430,
0.3682

■ 74.0212, 89.5453,
90.4734

■ 74.0212, 89.5453,
90.4734

■ 66.4221, 85.7885,
82.8590

■ 82.8370, 93.9199,
98.5717

■ 59.9792, 82.6185,
75.7145

■ 92.9207, 98.9386,
107.1588

■ 54.6308, 80.0037,
69.0313

95.0500, 100.0000,
108.9000

■ 50.3081, 77.9087,
62.7987

■ 46.9339, 76.2940,
57.0057

■ 44.4197, 75.1140,
51.6403

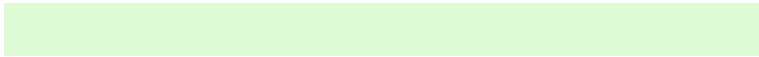
■ 42.6589, 74.3141,
46.6896

■ 41.6618, 73.8807,
42.9982

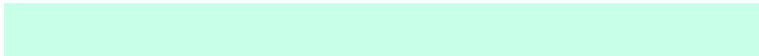
Harmonies

Analogous

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



76.6136, 89.5453, 76.3793



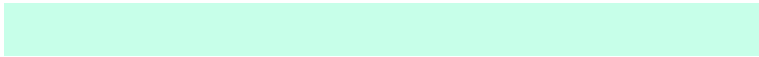
74.0212, 89.5453, 90.4734



74.2930, 89.5453, 108.2588

Triad

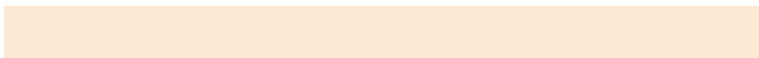
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0212, 89.5453, 90.4734



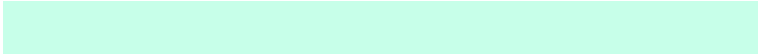
88.7884, 89.5453, 133.6129



93.3445, 89.5453, 74.4156

Complementary

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



74.0212, 89.5453, 90.4734



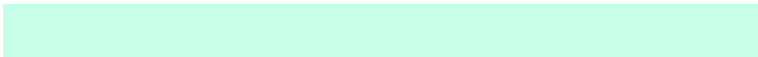
74.7152, 67.3284, 77.4648

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.



96.9294, 89.5453, 87.4780



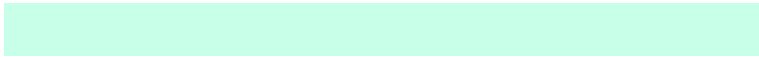
74.0212, 89.5453, 90.4734



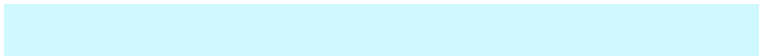
94.2127, 89.5453, 122.1933

Square

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



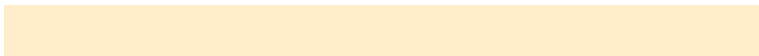
74.0212, 89.5453, 90.4734



82.6200, 89.5453, 134.6682



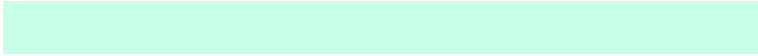
97.2546, 89.5453, 104.8805



87.6497, 89.5453, 67.8889

Rectangle

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



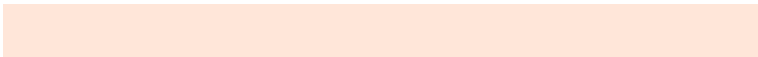
74.0212, 89.5453, 90.4734



76.0627, 89.5453, 119.8584



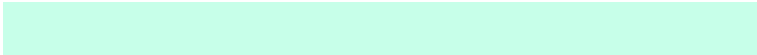
97.2546, 89.5453, 104.8805



94.8479, 89.5453, 78.1101

Sweetspot

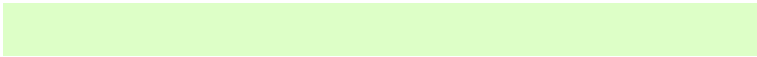
The Sweet Spot groups the original color and five complimentary colors.



74.0221, 89.5457, 90.4749



87.6765, 96.3269, 102.7689



76.0103, 91.0789, 67.6081



18.6367, 20.5534, 21.8861



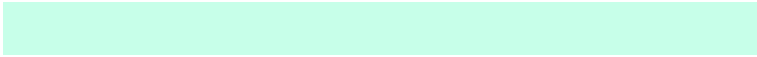
0.0000, 0.0000, 0.0000



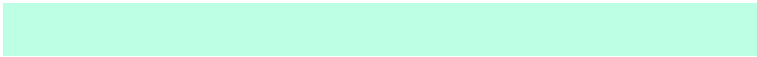
20.3446, 21.4041, 23.3091

Same Dimension

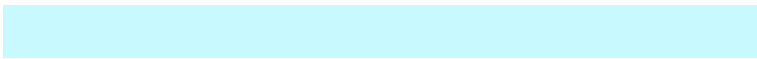
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0221, 89.5457, 90.4749



70.8084, 87.9551, 87.3406



75.6034, 87.3615, 107.4855



18.2349, 20.3535, 21.5399



21.8447, 38.6345, 22.8652



2.1807, 3.7832, 2.5093

Inverse Universe

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



74.7152, 67.3284, 77.4648



71.6062, 62.4195, 72.3927



73.2854, 68.8562, 63.4623



18.3049, 18.1053, 20.2225



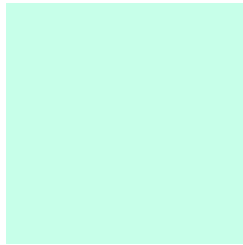
22.8233, 11.6186, 7.7198



2.2741, 1.1520, 1.0247

Previews

White Background



This preview shows how the XYZ color 74.0212, 89.5453, 90.4734 looks on a white background.

Color Contrast Check

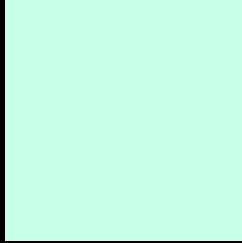
Large Text (above 18pt) WCAG AA × Fail

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 74.0212, 89.5453, 90.4734 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

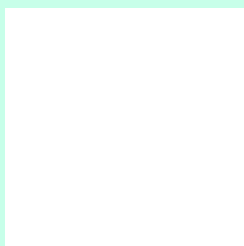
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0212, 89.5453, 90.4734

Background



This preview shows how black text looks on a background with the XYZ color 74.0212, 89.5453, 90.4734.



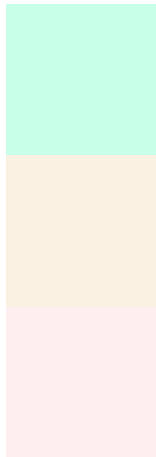
This preview shows how white text looks on a background with the XYZ color 74.0212, 89.5453,

90.4734.

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

74.0212, 89.5453, 90.4734

Protanopia

84.6071, 88.7256, 84.6180

Deuteranopia

87.5427, 88.7003, 94.9450



Tritanopia

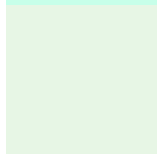
82.6843, 89.4624, 107.5178

Trichromacy



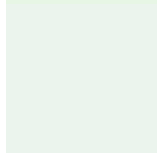
Original Color

74.0212, 89.5453, 90.4734



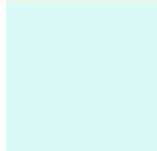
Protanomaly

80.0536, 88.5576, 87.0028



Deuteranomaly

81.8977, 88.4780, 92.8822



Tritanomaly

79.2795, 89.2185, 101.0381

Monochromacy



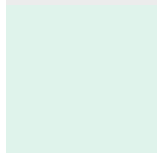
Original Color

74.0212, 89.5453, 90.4734



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4774, 85.7873, 91.0724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0212, 89.5453, 90.4734 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(199, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 233)  
}
```

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(199, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.0212, 89.5453, 90.4734 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(199, 255, 233) }
```


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

```
.border{ border-color:rgb(199, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0212, 89.5453, 90.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 233) }
```

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

```
.background{ background-color: rgb(199,  
255, 233) }
```

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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