

Converting Colors

XYZ(73.7483, 89.7491, 74.8965)

Have a look what the booklet for
XYZ(73.7483, 89.7491, 74.8965)
contains.

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Color

**XYZ(73.8124, 89.7785,
75.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFD3
RGB	209, 255, 211
RGB Percent	82%, 100%, 83%
CMY	0.1804, 0.0000, 0.1725
CMYK	0.18, 0.00, 0.17, 0.00
HSL	123°, 100%, 91%
HSV	123°, 18%, 100%
XYZ	73.8124, 89.7785, 75.0667
YIQ	236.2300, -13.2920, -23.4360

Conversions

Conversions Part 2

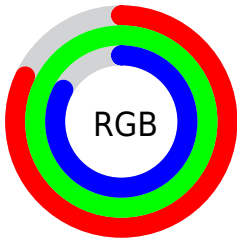
Format	Color
R_{YB}	209, 253, 255
Decimal	13762515
CIE _{Lab}	95.90, -22.76, 16.26
CIE _{LCh}	96, 27.972, 144.465
Yxy	89.7785, 0.3093, 0.3762
Android (android.graphics.Color)	4291952595 (0xFFD1FFD3)
YUV	236.2300, -12.4384, -23.8807
Hunter-Lab	94.7515, -26.7618, 19.3537

Details

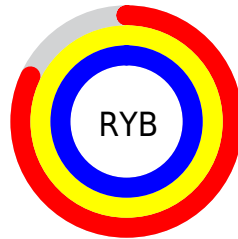
The XYZ color **73.8124, 89.7785, 75.0667** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.7703, 73.9535, 102.8926**, and the grayscale version is **80.0042, 84.1706, 91.6618**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5213, 49.6585, 38.9545** is the 20% darker color. If you saturate the color by 10%, you get **64.3360, 85.2201, 59.8540**, and if you desaturate by 10%, it is **84.9088, 95.1183, 92.7798**.

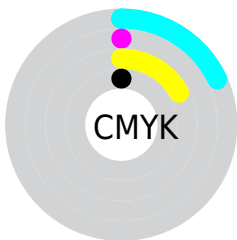
Distribution



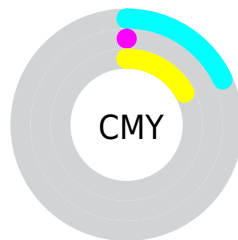
- Red (82%)
- Green (100%)
- Blue (83%)



- Red (82%)
- Yellow (99%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8124, 89.7785, 75.0667 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 73.8124, 89.7785, 75.0667 by changing the saturation by 10% instead.


 73.8124, 89.7785,
75.0667

 73.8124, 89.7785,
75.0667


462.8860,
527.3101, 497.4083

 54.9312, 67.7969,
55.1655

123.6268,
147.0307, 128.1547

 39.5803, 49.7326,
39.1347


155.2907,
183.0701, 162.1786

 27.3942, 35.2009,
26.5559


191.9462,
224.5643, 201.7472

 18.0076, 23.8177,
17.0105

233.9588,
271.8976, 247.2789

 11.0552, 15.1985,
10.0799

281.6937,
325.4544, 299.1923

 6.1715, 8.9588,
5.3457

335.5163,

 2.9913, 4.7143,

385.6192, 357.9060

2.3892

395.7919,
452.7763, 423.8385

■ 1.1492, 2.0806,
0.7806

■ 0.0657, 0.6537,
0.0000

■ 73.8124, 89.7785,
75.0667

■ 73.8124, 89.7785,
75.0667

■ 64.3360, 85.2201,
59.8540

■ 84.9088, 95.1183,
92.7798

■ 56.4020, 81.4057,
47.0254

95.0500, 100.0000,
108.9000

■ 49.9294, 78.2961,
36.4612

■ 44.8290, 75.8480,
28.0299

■ 41.0016, 74.0136,
21.5867

■ 38.3352, 72.7385,
16.9685

■ 36.6977, 71.9586,
13.9865

■ 35.9152, 71.5893,
12.4105

■ 35.8209, 71.5444,
12.2409

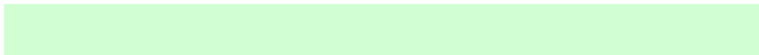
Harmonies

Analogous

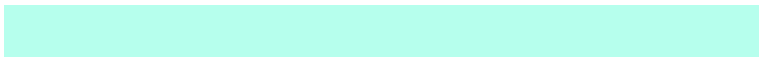
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3303, 89.7785, 63.9369



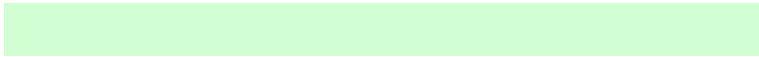
73.8124, 89.7785, 75.0667



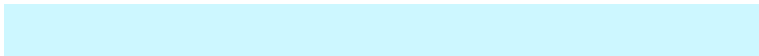
71.3921, 89.7785, 93.7095

Triad

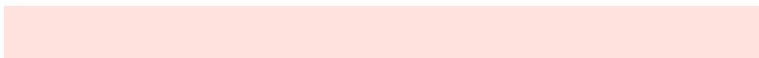
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8124, 89.7785, 75.0667



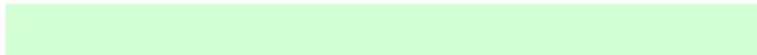
83.9078, 89.7785, 146.4713



99.5700, 89.7785, 81.1823

Complementary

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



73.8124, 89.7785, 75.0667



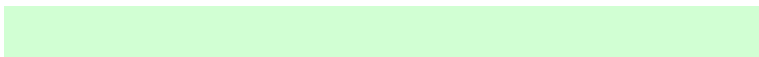
81.7703, 73.9535, 102.8926

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.



100.9772, 89.7785, 101.9122



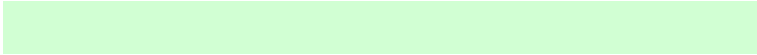
73.8124, 89.7785, 75.0667



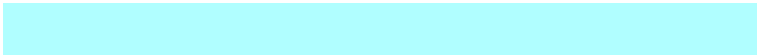
91.6285, 89.7785, 141.7835

Square

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



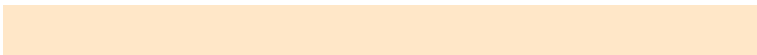
73.8124, 89.7785, 75.0667



76.9911, 89.7785, 136.5933



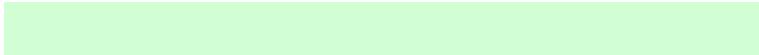
97.9913, 89.7785, 124.6046



94.2540, 89.7785, 67.0771

Rectangle

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



73.8124, 89.7785, 75.0667



71.7491, 89.7785, 108.7624



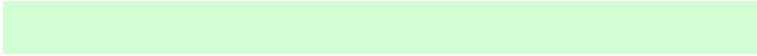
97.9913, 89.7785, 124.6046



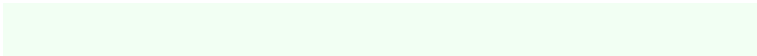
100.5288, 89.7785, 87.5137

Sweetspot

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



73.8130, 89.7788, 75.0681



88.6120, 96.9008, 98.6727



87.9469, 97.0939, 74.4282



18.7803, 20.6511, 20.8237



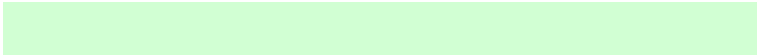
0.0000, 0.0000, 0.0000



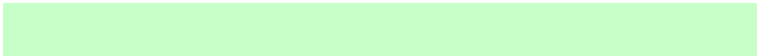
20.3446, 21.4041, 23.3091

Same Dimension

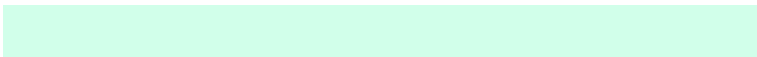
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8130, 89.7788, 75.0681



69.8693, 87.8815, 68.7486



76.8393, 90.9893, 91.0042



17.8036, 20.1810, 19.2687



18.7309, 37.3890, 6.4684



1.8345, 3.6447, 0.6864

Inverse Universe

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



81.7703, 73.9535, 102.8926



79.3000, 69.1247, 101.7243



78.3895, 72.6011, 85.0894



18.7565, 18.2859, 22.6010



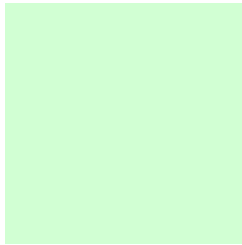
30.0889, 14.5249, 45.9803



2.9398, 1.4183, 4.5305

Previews

White Background



This preview shows how the XYZ color 73.8124, 89.7785, 75.0667 looks on a white background.

Color Contrast Check

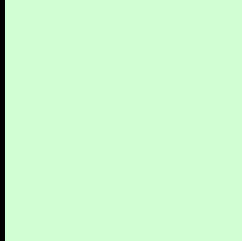
Large Text (above 18pt) WCAG AA × Fail

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 73.8124, 89.7785, 75.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

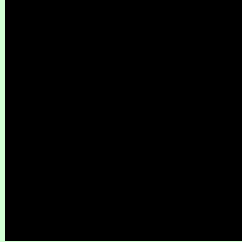
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

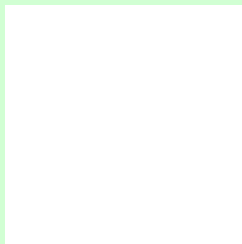
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8124, 89.7785, 75.0667

Background



This preview shows how black text looks on a background with the XYZ color 73.8124, 89.7785, 75.0667.



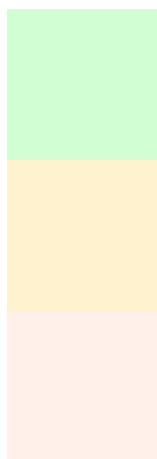
This preview shows how white text looks on a background with the XYZ color 73.8124, 89.7785,

75.0667.

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

73.8124, 89.7785, 75.0667

Protanopia

84.2546, 89.2693, 71.8215

Deuteranopia

87.2514, 89.5207, 90.5225



Tritanopia

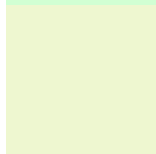
83.6574, 89.5137, 107.4764

Trichromacy



Original Color

73.8124, 89.7785, 75.0667



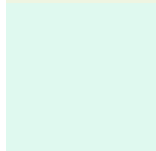
Protanomaly

79.9058, 89.2527, 72.6905



Deuteranomaly

81.6398, 88.9729, 84.8221



Tritanomaly

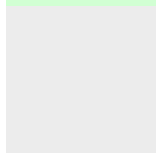
79.8871, 89.6713, 94.7592

Monochromacy



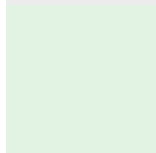
Original Color

73.8124, 89.7785, 75.0667



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2798, 85.8160, 85.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8124, 89.7785, 75.0667 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(209, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 211)  
}
```

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(209, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.8124, 89.7785, 75.0667 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(209, 255, 211) }
```


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

```
.border{ border-color:rgb(209, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8124, 89.7785, 75.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 211) }
```

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

```
.background{ background-color: rgb(209,  
255, 211) }
```

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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