

Converting Colors

XYZ(74.5556, 89.8855, 87.5747)

Have a look what the booklet for
XYZ(74.5556, 89.8855, 87.5747)
contains.

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Color

**XYZ(74.5315, 89.8737,
87.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFFE5
RGB	203, 255, 229
RGB Percent	80%, 100%, 90%
CMY	0.2039, 0.0000, 0.1020
CMYK	0.20, 0.00, 0.10, 0.00
HSL	150°, 100%, 90%
HSV	150°, 20%, 100%
XYZ	74.5315, 89.8737, 87.5479
YIQ	236.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

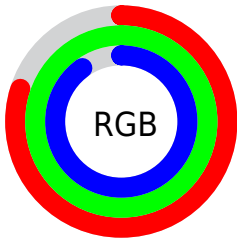
Format	Color
R_{YB}	203, 238, 255
Decimal	13369317
CIE _{Lab}	95.94, -21.44, 7.03
CIE _{LCh}	96, 22.568, 161.848
Yxy	89.8737, 0.2958, 0.3567
Android (android.graphics.Color)	4291559397 (0xFFCBBFE5)
YUV	236.4880, -3.6916, -29.3690
Hunter-Lab	94.8017, -25.5694, 11.6078

Details

The XYZ color **74.5315, 89.8737, 87.5479** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.7393, 69.6300, 83.5242**, and the grayscale version is **80.1424, 84.3160, 91.8202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0468, 49.7401, 47.5345** is the 20% darker color. If you saturate the color by 10%, you get **66.4334, 85.8971, 78.2154**, and if you desaturate by 10%, it is **83.9041, 94.4921, 97.6254**.

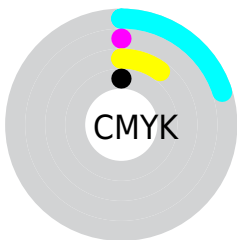
Distribution



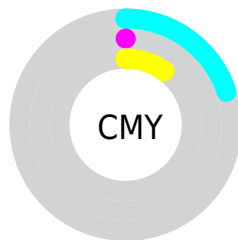
- Red (80%)
- Green (100%)
- Blue (90%)



- Red (80%)
- Yellow (93%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5315, 89.8737, 87.5479 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 74.5315, 89.8737, 87.5479 by changing the saturation by 10% instead.


 74.5315, 89.8737,
87.5479

 74.5315, 89.8737,
87.5479


465.3278,
527.6199, 540.3845

 55.5220, 67.8759,
65.3865


124.6404,
147.1629, 145.8332

 40.0553, 49.7968,
47.3212

156.4705,
183.2232, 182.7941

 27.7661, 35.2520,
32.9335


193.3049,
224.7397, 225.5254

 18.2889, 23.8570,
21.8048

235.5088,
272.0968, 274.4454

 11.2586, 15.2276,
13.5166

283.4478,
325.6790, 329.9728

 6.3096, 8.9793,
7.6503

337.4870,

 3.0767, 4.7277,

385.8707, 392.5261

3.7875

397.9919,
453.0562, 462.5238

■ 1.1944, 2.0884,
1.5095

■ 0.1020, 0.6581,
0.2250

■ 74.5315, 89.8737,
87.5479

■ 74.5315, 89.8737,
87.5479

■ 66.4334, 85.8971,
78.2154

■ 83.9041, 94.4921,
97.6254

■ 59.5488, 82.5314,
69.6062

94.6036, 99.7791,
108.4603

■ 53.8153, 79.7446,
61.7039

95.0500, 100.0000,
108.9000

■ 49.1633, 77.5013,
54.4896

■ 45.5158, 75.7621,
47.9434

■ 42.7844, 74.4817,
42.0444

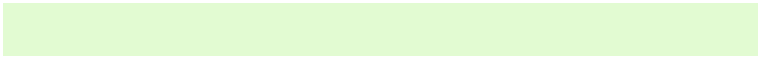
■ 40.8643, 73.6066,
36.7701

■ 39.6237, 73.0655,
32.2662

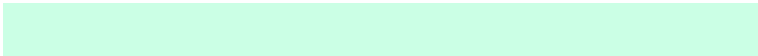
Harmonies

Analogous

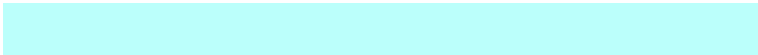
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6727, 89.8737, 74.4491



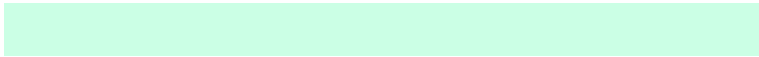
74.5315, 89.8737, 87.5479



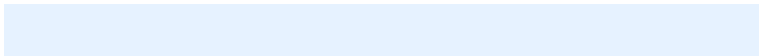
74.2204, 89.8737, 105.0756

Triad

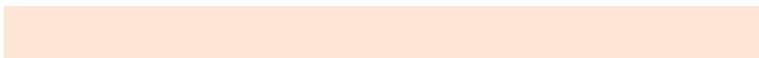
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5315, 89.8737, 87.5479



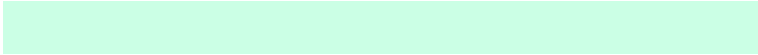
87.9069, 89.8737, 135.4439



94.6655, 89.8737, 76.6958

Complementary

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



74.5315, 89.8737, 87.5479



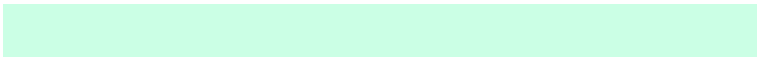
76.7393, 69.6300, 83.5242

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.



97.6980, 89.8737, 90.9771



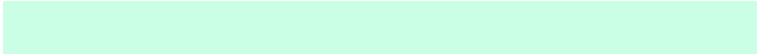
74.5315, 89.8737, 87.5479



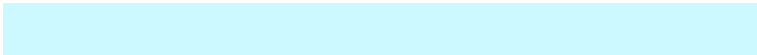
93.6709, 89.8737, 125.7197

Square

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



74.5315, 89.8737, 87.5479



81.7423, 89.8737, 134.2342



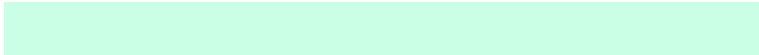
97.3254, 89.8737, 108.9456



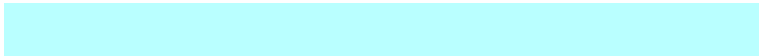
89.2110, 89.8737, 68.7287

Rectangle

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



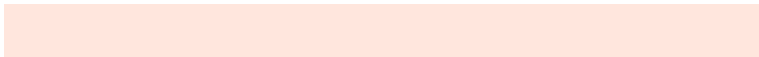
74.5315, 89.8737, 87.5479



75.6399, 89.8737, 117.1109



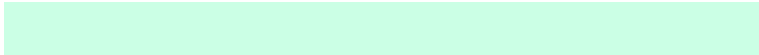
97.3254, 89.8737, 108.9456



96.0136, 89.8737, 80.8386

Sweetspot

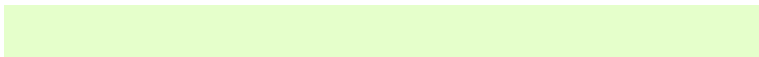
The Sweet Spot groups the original color and five complimentary colors.



74.5323, 89.8741, 87.5493



88.4360, 96.7298, 102.2890



78.8532, 92.4901, 70.1976



18.7812, 20.6312, 21.7436



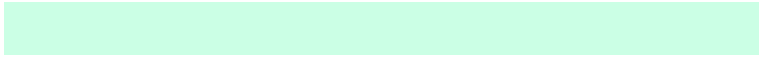
0.0000, 0.0000, 0.0000



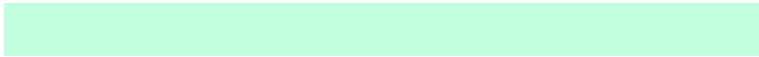
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5323, 89.8741, 87.5493



71.4659, 88.3665, 84.0963



78.4392, 91.4368, 108.1226



18.1504, 20.3197, 21.0949



20.7796, 38.2084, 17.2566



2.0784, 3.7423, 1.9705

Inverse Universe

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



76.7393, 69.6300, 83.5242



73.9960, 65.1581, 79.4817



73.3762, 68.2847, 65.8141



18.3882, 18.1386, 20.6612



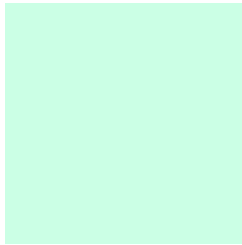
23.6427, 11.9464, 12.0350



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 74.5315, 89.8737, 87.5479 looks on a white background.

Color Contrast Check

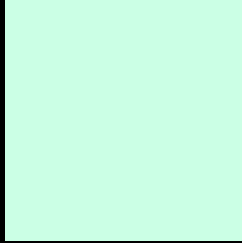
Large Text (above 18pt) WCAG AA × Fail

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 74.5315, 89.8737, 87.5479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

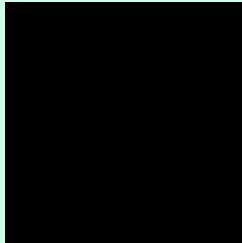
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

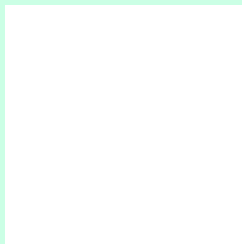
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5315, 89.8737, 87.5479

Background



This preview shows how black text looks on a background with the XYZ color 74.5315, 89.8737, 87.5479.

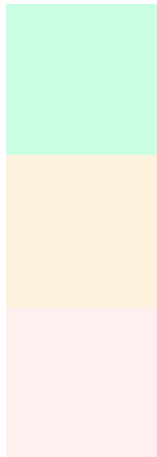


This preview shows how white text looks on a background with the XYZ color 74.5315, 89.8737,

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

74.5315, 89.8737, 87.5479

Protanopia

85.0818, 89.4736, 81.8931

Deuteranopia

87.6865, 89.2250, 94.2619



Tritanopia

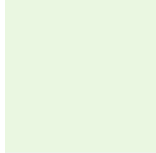
83.3189, 89.7895, 107.5475

Trichromacy



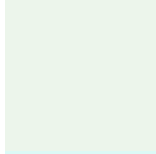
Original Color

74.5315, 89.8737, 87.5479



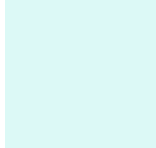
Protanomaly

80.7831, 89.4502, 84.2421



Deuteranomaly

82.2399, 89.1358, 91.4677



Tritanomaly

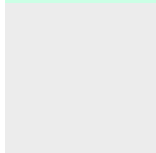
80.0254, 89.6208, 100.2695

Monochromacy



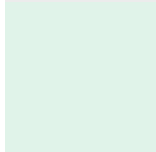
Original Color

74.5315, 89.8737, 87.5479



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4990, 85.8317, 89.5733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5315, 89.8737, 87.5479 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(203, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 229)  
}
```

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(203, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.5315, 89.8737, 87.5479 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(203, 255, 229) }
```


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

```
.border{ border-color:rgb(203, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(203, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5315, 89.8737, 87.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 229) }
```

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

```
.background{ background-color: rgb(203,  
255, 229) }
```

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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