

Converting Colors

XYZ(112.9697, 169.1483,
101.1544)

Have a look what the booklet for
XYZ(112.9697, 169.1483, 101.1544)
contains.

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Color

**XYZ(72.9288, 89.0475,
87.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFE5
RGB	197, 255, 229
RGB Percent	77%, 100%, 90%
CMY	0.2274, 0.0000, 0.1020
CMYK	0.23, 0.00, 0.10, 0.00
HSL	153°, 100%, 89%
HSV	153°, 23%, 100%
XYZ	72.9288, 89.0475, 87.4729
YIQ	234.6940, -26.2220, -20.3820

Conversions

Conversions Part 2

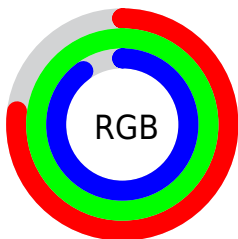
Format	Color
RYB	197, 234, 255
Decimal	12976101
CIELab	95.60, -23.29, 6.49
CIELCh	96, 24.178, 164.428
Yxy	89.0475, 0.2924, 0.3570
Android (android.graphics.Color)	4291166181 (0xFFC5FFE5)
YUV	234.6940, -2.8071, -33.0576
Hunter-Lab	94.3650, -27.1872, 11.0958

Details

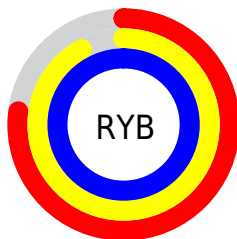
The XYZ color **72.9288, 89.0475, 87.4729** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.5260, 66.5211, 78.7239**, and the grayscale version is **78.7676, 82.8696, 90.2450**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.9894, 49.1949, 47.4850** is the 20% darker color. If you saturate the color by 10%, you get **65.2630, 85.2739, 79.0558**, and if you desaturate by 10%, it is **81.8307, 93.4460, 96.4993**.

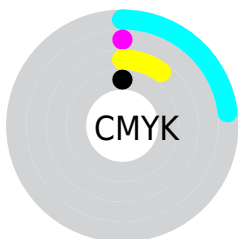
Distribution



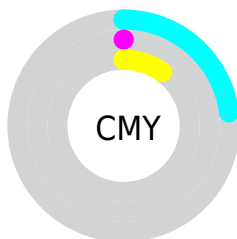
- Red (77%)
- Green (100%)
- Blue (90%)



- Red (77%)
- Yellow (92%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9288, 89.0475, 87.4729 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 72.9288, 89.0475, 87.4729 by changing the saturation by 10% instead.

 72.9288, 89.0475,
87.4729

 72.9288, 89.0475,
87.4729


459.8756,
524.9275, 540.1321

 54.2059, 67.1909,
65.3248


122.3798,
146.0146, 145.7278

 38.9976, 49.2398,
47.2715


153.8386,
181.8939, 182.6716

 26.9386, 34.8097,
32.8944


190.2735,
223.2163, 225.3844

 17.6635, 23.5164,
21.7751

232.0497,
270.3661, 274.2847

 10.8069, 14.9752,
13.4950

279.5327,
323.7277, 329.7911

 6.0034, 8.8020,
7.6356

333.0878,

 2.8879, 4.6123,

383.6856, 392.3221

3.7782

393.0803,
450.6240, 462.2962

■ 1.0947, 2.0216,
1.5045

■ 0.0207, 0.6200,
0.2213

■ 72.9288, 89.0475,
87.4729

■ 72.9288, 89.0475,
87.4729

■ 65.2630, 85.2739,
79.0558

■ 81.8307, 93.4460,
96.4993

■ 58.7721, 82.0943,
71.2304

■ 92.0211, 98.4964,
106.1434

■ 53.3931, 79.4761,
63.9845

■ 95.0500, 100.0000,
108.9000

■ 49.0559, 77.3836,
57.3036

■ 45.6819, 75.7764,
51.1725

■ 43.1806, 74.6083,
45.5750

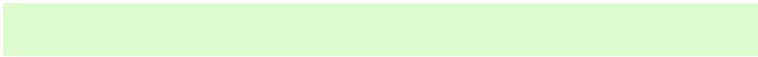
■ 41.4428, 73.8230,
40.4938

■ 40.5450, 73.4340,
37.1175

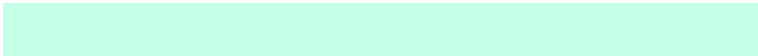
Harmonies

Analogous

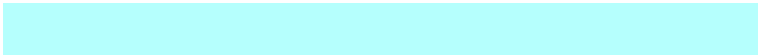
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0139, 89.0475, 73.1281



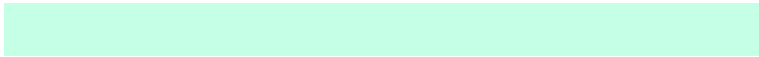
72.9288, 89.0475, 87.4729



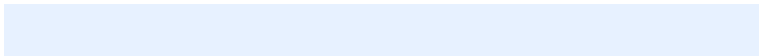
72.8691, 89.0475, 106.3526

Triad

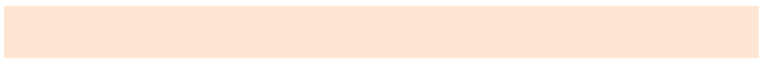
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9288, 89.0475, 87.4729



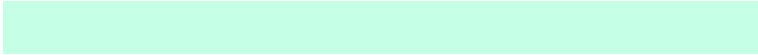
87.8568, 89.0475, 136.8375



94.0820, 89.0475, 73.5566

Complementary

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



72.9288, 89.0475, 87.4729



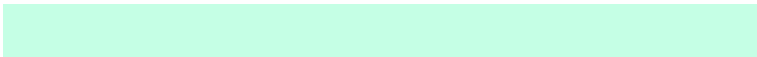
74.5260, 66.5211, 78.7239

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.



97.6082, 89.0475, 88.1329



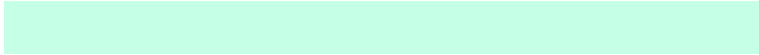
72.9288, 89.0475, 87.4729



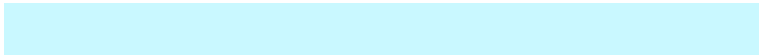
93.8887, 89.0475, 125.4716

Square

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



72.9288, 89.0475, 87.4729



81.2569, 89.0475, 136.5999



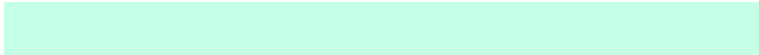
97.5356, 89.0475, 107.1042



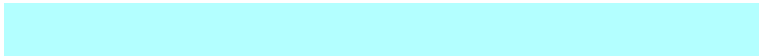
88.1095, 89.0475, 65.8389

Rectangle

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



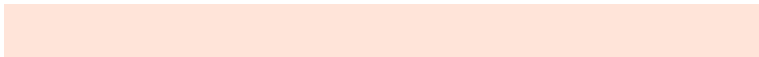
72.9288, 89.0475, 87.4729



74.5406, 89.0475, 119.1247



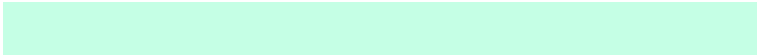
97.5356, 89.0475, 107.1042



95.6063, 89.0475, 77.7266

Sweetspot

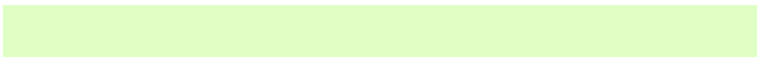
The Sweet Spot groups the original color and five complimentary colors.



72.9296, 89.0478, 87.4743



87.5234, 96.2657, 101.9627



76.3008, 91.2553, 66.4170



18.6012, 20.5392, 21.6993



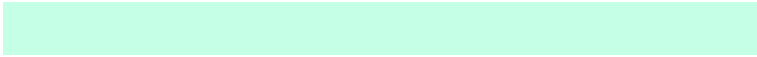
0.0000, 0.0000, 0.0000



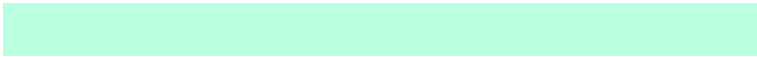
20.3446, 21.4041, 23.3091

Same Dimension

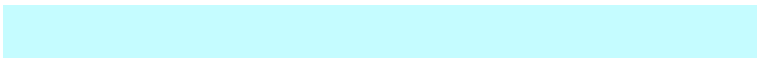
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9296, 89.0478, 87.4743



69.5194, 87.3672, 83.8183



75.9183, 88.7743, 107.7416



18.1910, 20.3359, 21.3090



21.2620, 38.4014, 19.7970



2.1253, 3.7610, 2.2176

Inverse Universe

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



74.5260, 66.5211, 78.7239



71.3565, 61.4515, 73.7546



71.9498, 66.5544, 61.8786



18.3478, 18.1224, 20.4487



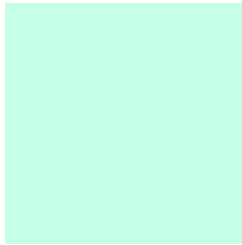
23.2176, 11.7763, 9.7963



2.3147, 1.1683, 1.2386

Previews

White Background



This preview shows how the XYZ color 72.9288, 89.0475, 87.4729 looks on a white background.

Color Contrast Check

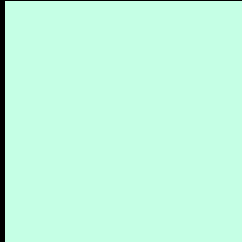
Large Text (above 18pt) WCAG AA × Fail

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 72.9288, 89.0475, 87.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

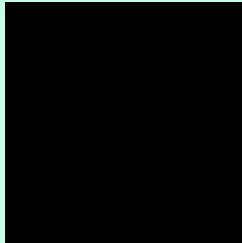
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

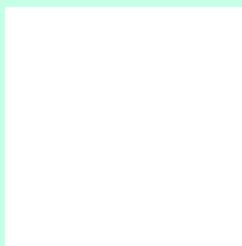
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9288, 89.0475, 87.4729

Background



This preview shows how black text looks on a background with the XYZ color 72.9288, 89.0475, 87.4729.



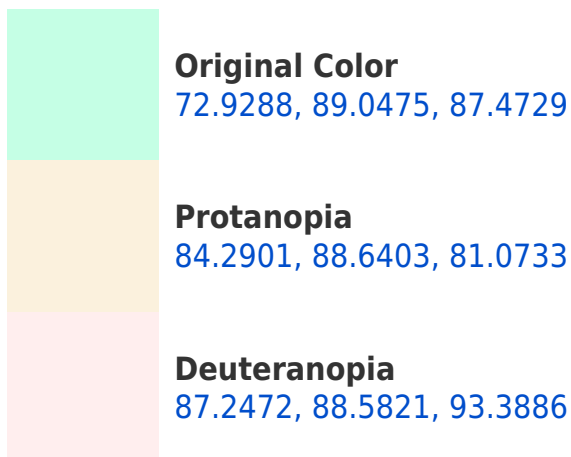
This preview shows how white text looks on a background with the XYZ color 72.9288, 89.0475,

87.4729.

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

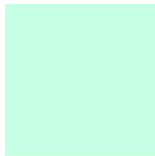




Tritanopia

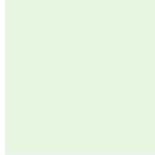
81.7537, 88.5324, 107.3873

Trichromacy



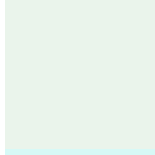
Original Color

72.9288, 89.0475, 87.4729



Protanomaly

79.3653, 88.2823, 83.3782



Deuteranomaly

81.2778, 88.1920, 91.3362



Tritanomaly

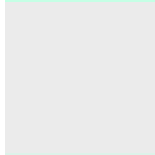
78.5346, 88.8523, 100.1998

Monochromacy



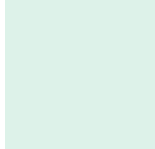
Original Color

72.9288, 89.0475, 87.4729



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.2789, 84.7596, 89.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9288, 89.0475, 87.4729 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(197, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.9288, 89.0475, 87.4729 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(197, 255, 229) }
```


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

```
.border{ border-color:rgb(197, 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(197, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9288, 89.0475, 87.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 229) }
```

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

```
.background{ background-color: rgb(197,  
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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