

Converting Colors

XYZ(73.0394, 89.1221, 86.6823)

Have a look what the booklet for
XYZ(73.0394, 89.1221, 86.6823)
contains.

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Color

**XYZ(73.0523, 89.1272,
86.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FFE4
RGB	198, 255, 228
RGB Percent	78%, 100%, 89%
CMY	0.2235, 0.0000, 0.1059
CMYK	0.22, 0.00, 0.11, 0.00
HSL	152°, 100%, 89%
HSV	152°, 22%, 100%
XYZ	73.0523, 89.1272, 86.7518
YIQ	234.8790, -25.3050, -20.4810

Conversions

Conversions Part 2

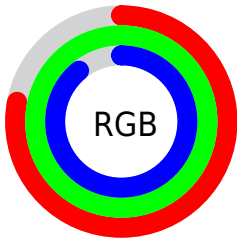
Format	Color
RYB	198, 235, 255
Decimal	13041636
CIELab	95.63, -23.18, 7.06
CIELCh	96, 24.228, 163.057
Yxy	89.1272, 0.2935, 0.3580
Android (android.graphics.Color)	4291231716 (0xFFC6FFE4)
YUV	234.8790, -3.3913, -32.3429
Hunter-Lab	94.4072, -27.0893, 11.6028

Details

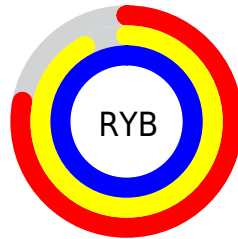
The XYZ color **73.0523, 89.1272, 86.7518** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.0252, 67.0854, 80.2288**, and the grayscale version is **78.9121, 83.0216, 90.4106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0646, 49.2449, 46.9815** is the 20% darker color. If you saturate the color by 10%, you get **65.2684, 85.3015, 77.9387**, and if you desaturate by 10%, it is **82.0865, 93.5839, 96.2378**.

Distribution



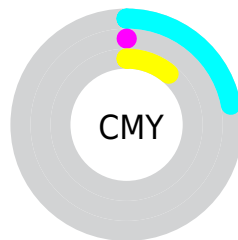
- Red (78%)
- Green (100%)
- Blue (89%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0523, 89.1272, 86.7518 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 73.0523, 89.1272, 86.7518 by changing the saturation by 10% instead.


 73.0523, 89.1272,
86.7518

 73.0523, 89.1272,
86.7518


460.2970,
525.1876, 537.7020

 54.3073, 67.2570,
64.7314


122.5542,
146.1254, 144.7140

 39.0790, 49.2935,
46.7933


154.0417,
182.0222, 181.4928

 27.0022, 34.8524,
32.5191

190.5075,
223.3634, 224.0281

 17.7115, 23.5492,
21.4902

232.3169,
270.5332, 272.7386

 10.8415, 14.9995,
13.2881

279.8351,
323.9162, 328.0426

 6.0268, 8.8191,
7.4942

333.4277,

 2.9022, 4.6233,

383.8966, 390.3588

3.6899

393.4599,
450.8589, 460.1058

■ 1.1023, 2.0280,
1.4568

■ 0.0270, 0.6237,
0.1855

■ 73.0523, 89.1272,
86.7518

■ 73.0523, 89.1272,
86.7518

■ 65.2684, 85.3015,
77.9387

■ 82.0865, 93.5839,
96.2378

■ 58.6735, 82.0754,
69.7790

■ 92.4236, 98.6985,
106.4071

■ 53.2043, 79.4167,
62.2584

■ 95.0500, 100.0000,
108.9000

■ 48.7905, 77.2895,
55.3603

■ 45.3537, 75.6535,
49.0674

■ 42.8034, 74.4624,
43.3613

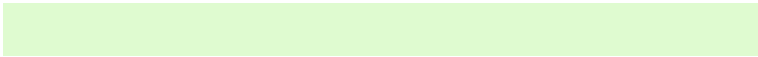
■ 41.0307, 73.6605,
38.2219

■ 40.0781, 73.2472,
34.6587

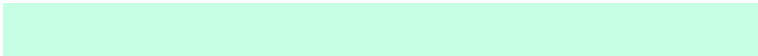
Harmonies

Analogous

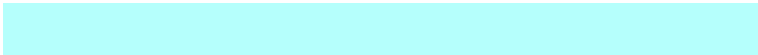
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2735, 89.1272, 72.6549



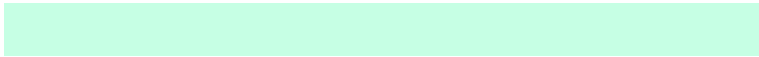
73.0523, 89.1272, 86.7518



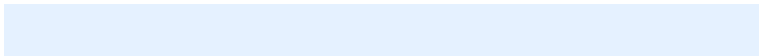
72.8490, 89.1272, 105.5613

Triad

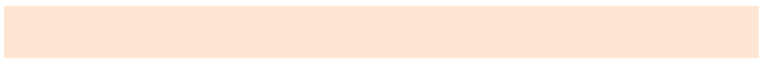
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0523, 89.1272, 86.7518



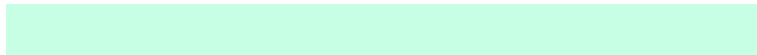
87.6366, 89.1272, 137.2999



94.4106, 89.1272, 74.1133

Complementary

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



73.0523, 89.1272, 86.7518



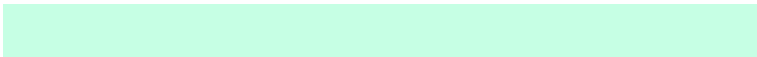
75.0252, 67.0854, 80.2288

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.



97.7992, 89.1272, 88.9984



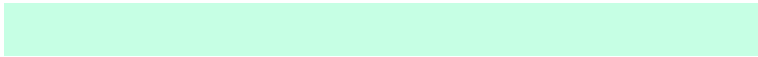
73.0523, 89.1272, 86.7518



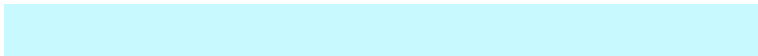
93.7526, 89.1272, 126.3594

Square

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



73.0523, 89.1272, 86.7518



81.0382, 89.1272, 136.4909



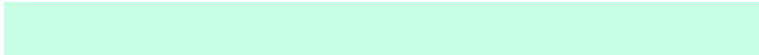
97.5523, 89.1272, 108.1204



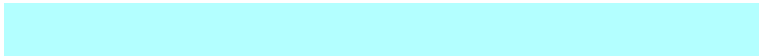
88.4967, 89.1272, 66.0401

Rectangle

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



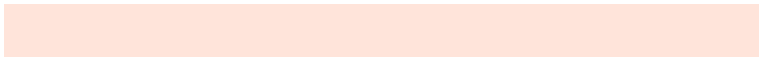
73.0523, 89.1272, 86.7518



74.4343, 89.1272, 118.4381



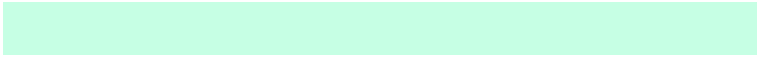
97.5523, 89.1272, 108.1204



95.8963, 89.1272, 78.3957

Sweetspot

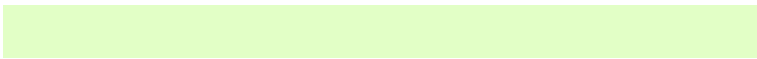
The Sweet Spot groups the original color and five complimentary colors.



73.0531, 89.1276, 86.7532



87.4535, 96.2377, 101.5945



77.1767, 91.6936, 67.0583



18.5850, 20.5327, 21.6140



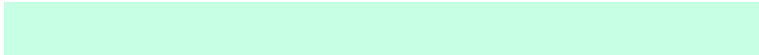
0.0000, 0.0000, 0.0000



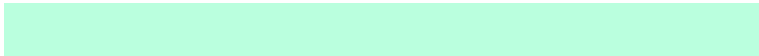
20.3446, 21.4041, 23.3091

Same Dimension

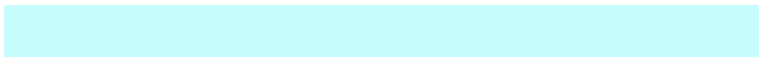
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0531, 89.1276, 86.7532



69.2831, 87.2727, 82.5739



76.7970, 90.1414, 107.9592



18.1710, 20.3279, 21.2036



21.0178, 38.3037, 18.5106



2.1017, 3.7516, 2.0932

Inverse Universe

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



75.0252, 67.0854, 80.2288



71.5854, 61.5430, 74.9597



71.8457, 66.1621, 62.4112



18.3676, 18.1304, 20.5529



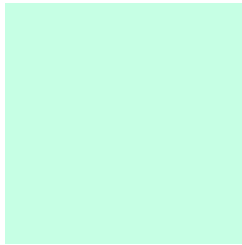
23.4194, 11.8571, 10.8591



2.3350, 1.1764, 1.3455

Previews

White Background



This preview shows how the XYZ color 73.0523, 89.1272, 86.7518 looks on a white background.

Color Contrast Check

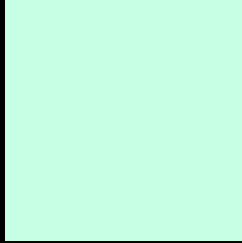
Large Text (above 18pt) WCAG AA × Fail

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 73.0523, 89.1272, 86.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

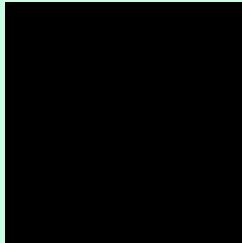
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

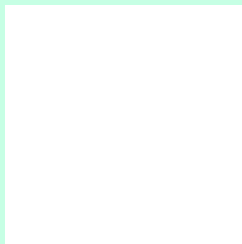
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0523, 89.1272, 86.7518

Background



This preview shows how black text looks on a background with the XYZ color 73.0523, 89.1272, 86.7518.



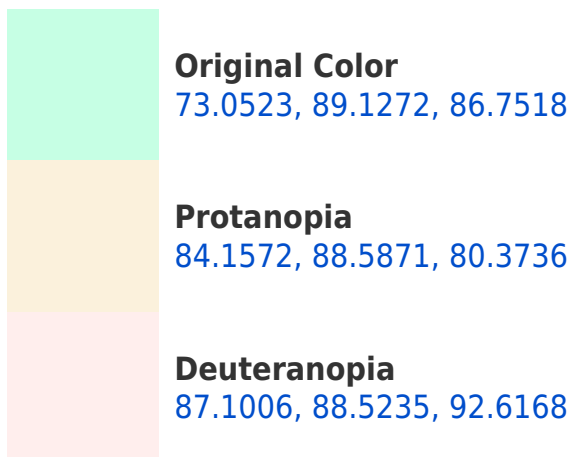
This preview shows how white text looks on a background with the XYZ color 73.0523, 89.1272,

86.7518.

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

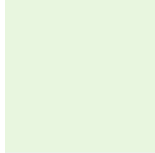
82.0664, 88.6936, 107.4019

Trichromacy



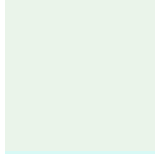
Original Color

73.0523, 89.1272, 86.7518



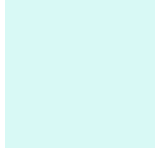
Protanomaly

79.5538, 88.3951, 82.6811



Deuteranomaly

81.1337, 88.1343, 90.5773



Tritanomaly

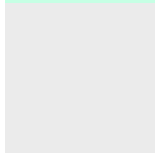
78.6760, 88.9429, 99.4072

Monochromacy



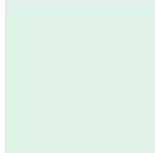
Original Color

73.0523, 89.1272, 86.7518



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4418, 84.8601, 88.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0523, 89.1272, 86.7518 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(198, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 228)  
}
```

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(198, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.0523, 89.1272, 86.7518 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(198, 255, 228) }
```


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

```
.border{ border-color:rgb(198, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0523, 89.1272, 86.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 228) }
```

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

```
.background{ background-color: rgb(198,  
255, 228) }
```

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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