

Converting Colors

XYZ(73.9036, 89.5290, 88.4678)

Have a look what the booklet for
XYZ(73.9036, 89.5290, 88.4678)
contains.

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Color

**XYZ(73.8623, 89.5125,
88.2476)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FFE6
RGB	200, 255, 230
RGB Percent	78%, 100%, 90%
CMY	0.2157, 0.0000, 0.0980
CMYK	0.22, 0.00, 0.10, 0.00
HSL	153°, 100%, 89%
HSV	153°, 22%, 100%
XYZ	73.8623, 89.5125, 88.2476
YIQ	235.7050, -24.7550, -19.4350

Conversions

Conversions Part 2

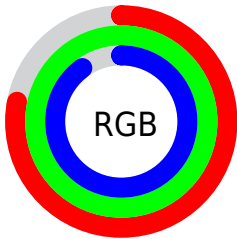
Format	Color
R_{YB}	200, 236, 255
Decimal	13172710
CIE _{Lab}	95.79, -22.18, 6.28
CIE _{LCh}	96, 23.053, 164.198
Yxy	89.5125, 0.2935, 0.3557
Android (android.graphics.Color)	4291362790 (0xFFC8FFE6)
YUV	235.7050, -2.8126, -31.3133
Hunter-Lab	94.6110, -26.2154, 10.9255

Details

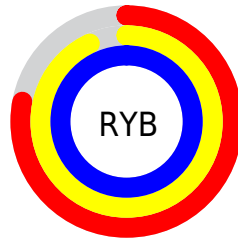
The XYZ color **73.8623, 89.5125, 88.2476** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4853, 68.0057, 80.3821**, and the grayscale version is **79.5373, 83.6794, 91.1269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6090, 49.5031, 48.0249** is the 20% darker color. If you saturate the color by 10%, you get **66.0364, 85.6600, 79.6659**, and if you desaturate by 10%, it is **82.9339, 93.9947, 97.4555**.

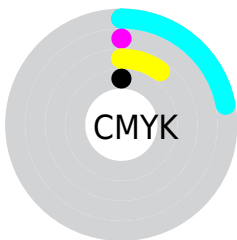
Distribution



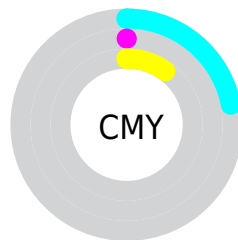
- Red (78%)
- Green (100%)
- Blue (90%)



- Red (78%)
- Yellow (93%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8623, 89.5125, 88.2476 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 73.8623, 89.5125, 88.2476 by changing the saturation by 10% instead.


 73.8623, 89.5125,
88.2476

 73.8623, 89.5125,
88.2476


463.0556,
526.4438, 542.7360

 54.9722, 67.5764,
65.9626


123.6971,
146.6610, 146.8160

 39.6132, 49.5532,
47.7858


155.3726,
182.6423, 183.9365

 27.4200, 35.0585,
33.2985


192.0406,
224.0740, 226.8393

 18.0271, 23.7079,
22.0822

234.0665,
271.3406, 275.9429

 11.0693, 15.1171,
13.7184

281.8155,
324.8265, 331.6658

 6.1811, 8.9016,
7.7886

335.6532,

 2.9972, 4.6771,

384.9160, 394.4266

3.8741

395.9448,
451.9937, 464.6438

■ 1.1523, 2.0591,
1.5566

■ 0.0682, 0.6415,
0.2595

■ 73.8623, 89.5125,
88.2476

■ 73.8623, 89.5125,
88.2476

■ 66.0364, 85.6600,
79.6659

■ 82.9339, 93.9947,
97.4555

■ 59.3954, 82.4060,
71.6923

■ 93.3031, 99.1331,
107.2982

■ 53.8768, 79.7186,
64.3142

95.0500, 100.0000,
108.9000

■ 49.4113, 77.5624,
57.5167

■ 45.9212, 75.8976,
51.2842

■ 43.3178, 74.6786,
45.6001

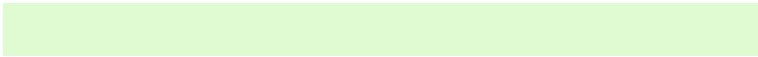
■ 41.4944, 73.8507,
40.4466

■ 40.4272, 73.3869,
36.4971

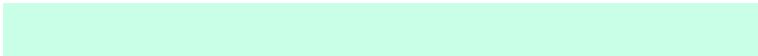
Harmonies

Analogous

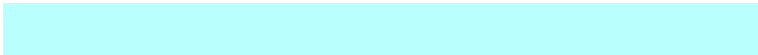
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8472, 89.5125, 74.4806



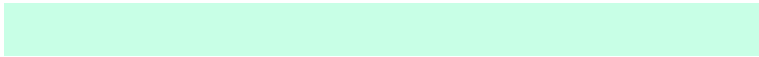
73.8623, 89.5125, 88.2476



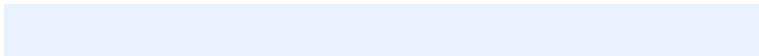
73.7818, 89.5125, 106.2951

Triad

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



73.8623, 89.5125, 88.2476



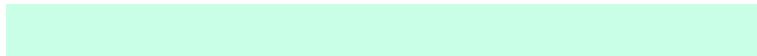
88.1091, 89.5125, 135.4490



94.1369, 89.5125, 75.0609

Complementary

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



73.8623, 89.5125, 88.2476



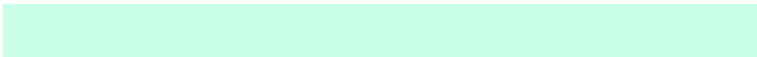
75.4853, 68.0057, 80.3821

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.



97.4741, 89.5125, 89.1359



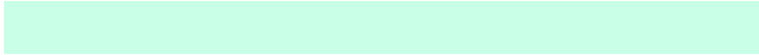
73.8623, 89.5125, 88.2476



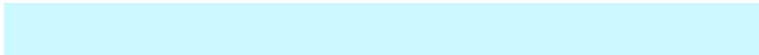
93.8785, 89.5125, 124.7468

Square

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



73.8623, 89.5125, 88.2476



81.7969, 89.5125, 135.1336



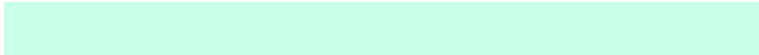
97.3773, 89.5125, 107.3005



88.4476, 89.5125, 67.5389

Rectangle

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



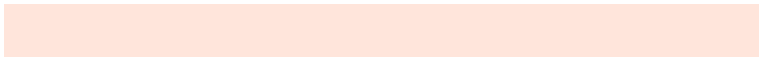
73.8623, 89.5125, 88.2476



75.3738, 89.5125, 118.4699



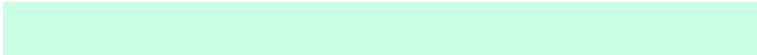
97.3773, 89.5125, 107.3005



95.5833, 89.5125, 79.1004

Sweetspot

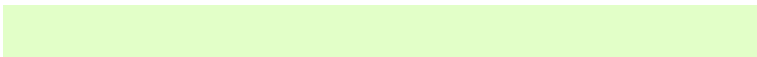
The Sweet Spot groups the original color and five complimentary colors.



73.8631, 89.5129, 88.2490



88.5438, 96.7730, 102.8564



77.4455, 91.8053, 68.2832



18.8066, 20.6413, 21.8777



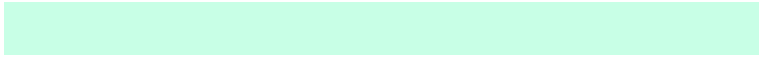
0.0000, 0.0000, 0.0000



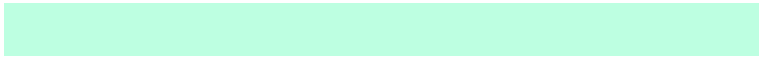
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8631, 89.5129, 88.2490



70.2441, 87.7294, 84.3688



77.0479, 89.8555, 107.8907



18.1861, 20.3340, 21.2829



21.2004, 38.3768, 19.4727



2.1194, 3.7587, 2.1864

Inverse Universe

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



75.4853, 68.0057, 80.3821



72.1376, 62.6320, 75.1912



72.7474, 67.5940, 63.8575



18.3527, 18.1244, 20.4743



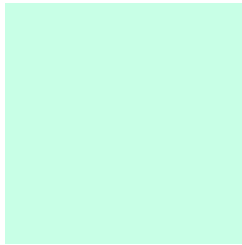
23.2662, 11.7958, 10.0520



2.3196, 1.1702, 1.2645

Previews

White Background



This preview shows how the XYZ color 73.8623, 89.5125, 88.2476 looks on a white background.

Color Contrast Check

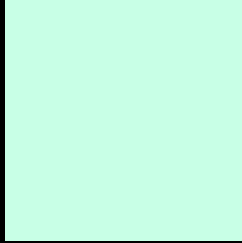
Large Text (above 18pt) WCAG AA × Fail

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 73.8623, 89.5125, 88.2476 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

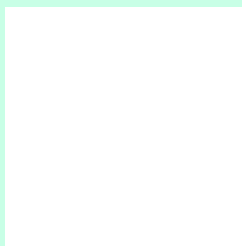
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8623, 89.5125, 88.2476

Background



This preview shows how black text looks on a background with the XYZ color 73.8623, 89.5125, 88.2476.

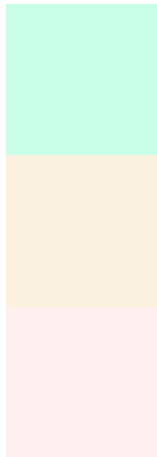


This preview shows how white text looks on a background with the XYZ color 73.8623, 89.5125,

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

73.8623, 89.5125, 88.2476

Protanopia

84.5582, 88.7475, 82.4853

Deuteranopia

87.6865, 89.2250, 94.2619



Tritanopia

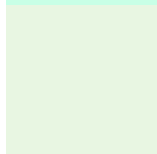
82.6843, 89.4624, 107.5178

Trichromacy



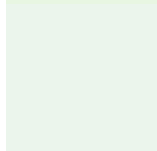
Original Color

73.8623, 89.5125, 88.2476



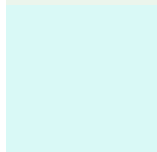
Protanomaly

79.9619, 88.5583, 84.8305



Deuteranomaly

82.0537, 89.0231, 92.2154



Tritanomaly

79.1255, 89.1569, 100.2274

Monochromacy



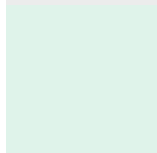
Original Color

73.8623, 89.5125, 88.2476



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.3333, 85.7297, 90.3135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8623, 89.5125, 88.2476 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(200, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 230)  
}
```

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(200, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.8623, 89.5125, 88.2476 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(200, 255, 230) }
```


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

```
.border{ border-color:rgb(200, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8623, 89.5125, 88.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 230) }
```

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

```
.background{ background-color: rgb(200,  
255, 230) }
```

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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