

Converting Colors

XYZ(73.5373, 89.3487, 88.0612)

Have a look what the booklet for
XYZ(73.5373, 89.3487, 88.0612)
contains.

XYZ(73.5961, 89.3753, 88.2351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.5961, 89.3753,
88.2351)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFE6
RGB	199, 255, 230
RGB Percent	78%, 100%, 90%
CMY	0.2196, 0.0000, 0.0980
CMYK	0.22, 0.00, 0.10, 0.00
HSL	153°, 100%, 89%
HSV	153°, 22%, 100%
XYZ	73.5961, 89.3753, 88.2351
YIQ	235.4060, -25.3510, -19.6470

Conversions

Conversions Part 2

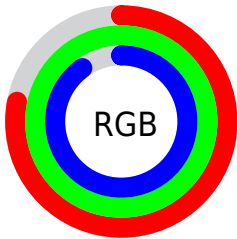
Format	Color
RYB	199, 235, 255
Decimal	13107174
CIELab	95.74, -22.49, 6.19
CIELCh	96, 23.324, 164.615
Yxy	89.3753, 0.2930, 0.3558
Android (android.graphics.Color)	4291297254 (0xFFC7FFE6)
YUV	235.4060, -2.6652, -31.9281
Hunter-Lab	94.5385, -26.4842, 10.8402

Details

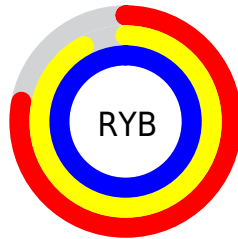
The XYZ color **73.5961, 89.3753, 88.2351** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1185, 67.4896, 79.5888**, and the grayscale version is **79.3082, 83.4384, 90.8644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4335, 49.4126, 48.0167** is the 20% darker color. If you saturate the color by 10%, you get **65.8408, 85.5560, 79.7985**, and if you desaturate by 10%, it is **82.5911, 93.8216, 97.2776**.

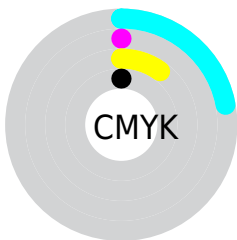
Distribution



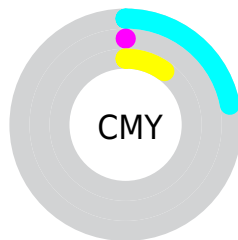
- Red (78%)
- Green (100%)
- Blue (90%)



- Red (78%)
- Yellow (92%)
- 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 73.5961, 89.3753, 88.2351 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 73.5961, 89.3753, 88.2351 by changing the saturation by 10% instead.

 73.5961, 89.3753,
88.2351

 73.5961, 89.3753,
88.2351


462.1501,
525.9966, 542.6941

 54.7536, 67.4626,
65.9523

123.3217,
146.4704, 146.7984

 39.4376, 49.4607,
47.7775

154.9355,
182.4215, 183.9161

 27.2826, 34.9851,
33.2920


191.5371,
223.8210, 226.8158

 17.9232, 23.6514,
22.0773

233.4919,
271.0532, 275.9161

 10.9942, 15.0752,
13.7148

281.1653,
324.5024, 331.6356

 6.1302, 8.8722,
7.7861

334.9225,

 2.9658, 4.6579,

384.5532, 394.3927

3.8726

395.1290,
451.5898, 464.6060

■ 1.1357, 2.0480,
1.5557

■ 0.0547, 0.6351,
0.2589

■ 73.5961, 89.3753,
88.2351

■ 73.5961, 89.3753,
88.2351

■ 65.8408, 85.5560,
79.7985

■ 82.5911, 93.8216,
97.2776

■ 59.2643, 82.3326,
71.9504

■ 92.8779, 98.9215,
106.9341

■ 53.8042, 79.6731,
64.6786

■ 95.0500, 100.0000,
108.9000

■ 49.3909, 77.5418,
57.9689

■ 45.9465, 75.8991,
51.8063

■ 43.3818, 74.6989,
46.1751

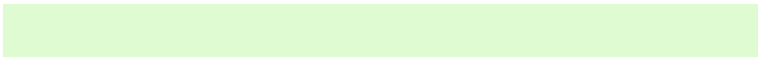
■ 41.5894, 73.8863,
41.0578

■ 40.5800, 73.4480,
37.3018

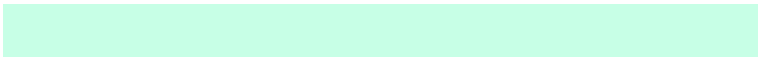
Harmonies

Analogous

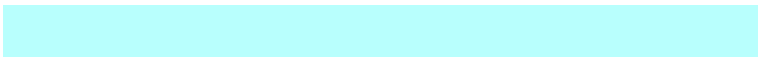
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5720, 89.3753, 74.2601



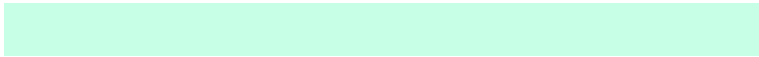
73.5961, 89.3753, 88.2351



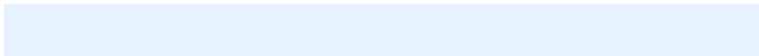
73.5571, 89.3753, 106.5082

Triad

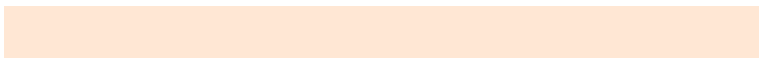
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5961, 89.3753, 88.2351



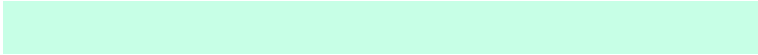
88.1008, 89.3753, 135.6798



94.0402, 89.3753, 74.5410

Complementary

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



73.5961, 89.3753, 88.2351



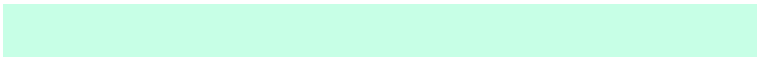
75.1185, 67.4896, 79.5888

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.



97.4593, 89.3753, 88.6657



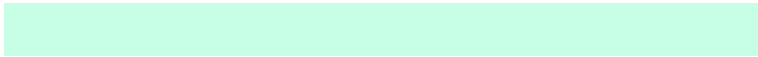
73.5961, 89.3753, 88.2351



93.9147, 89.3753, 124.7058

Square

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



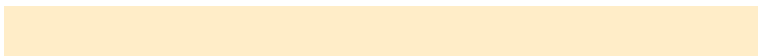
73.5961, 89.3753, 88.2351



81.7161, 89.3753, 135.5264



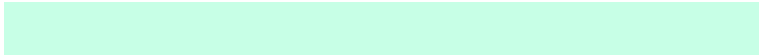
97.4122, 89.3753, 106.9963



88.2651, 89.3753, 67.0588

Rectangle

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



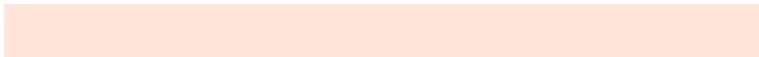
73.5961, 89.3753, 88.2351



75.1909, 89.3753, 118.8054



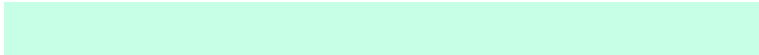
97.4122, 89.3753, 106.9963



95.5158, 89.3753, 78.5854

Sweetspot

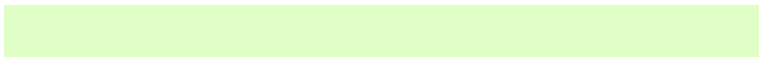
The Sweet Spot groups the original color and five complimentary colors.



73.5969, 89.3757, 88.2365



87.5285, 96.2677, 101.9895



76.8719, 91.5231, 67.6482



18.6024, 20.5397, 21.7055



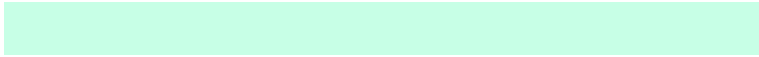
0.0000, 0.0000, 0.0000



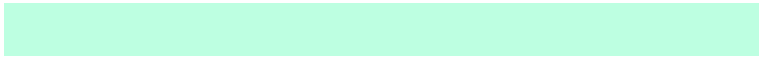
20.3446, 21.4041, 23.3091

Same Dimension

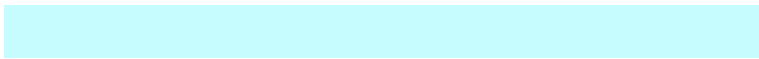
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5969, 89.3757, 88.2365



70.3176, 87.7588, 84.7557



76.4770, 89.1089, 107.7767



18.1925, 20.3365, 21.3166



21.2803, 38.4087, 19.8933



2.1270, 3.7617, 2.2269

Inverse Universe

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



75.1185, 67.4896, 79.5888



72.0669, 62.6038, 74.8191



72.6231, 67.5318, 63.2414



18.3464, 18.1219, 20.4411



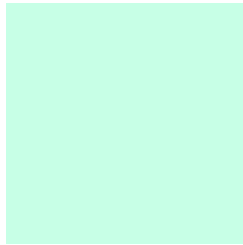
23.2035, 11.7707, 9.7219



2.3133, 1.1677, 1.2311

Previews

White Background



This preview shows how the XYZ color 73.5961, 89.3753, 88.2351 looks on a white background.

Color Contrast Check

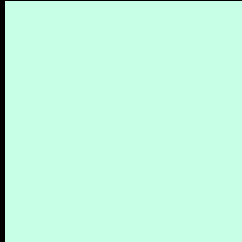
Large Text (above 18pt) WCAG AA × Fail

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 73.5961, 89.3753, 88.2351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

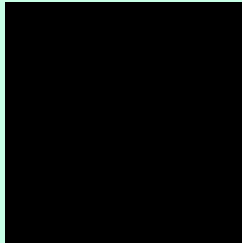
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

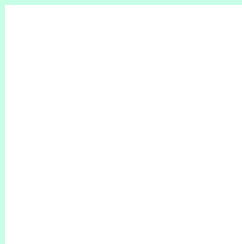
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5961, 89.3753, 88.2351

Background



This preview shows how black text looks on a background with the XYZ color 73.5961, 89.3753, 88.2351.



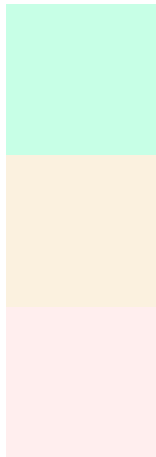
This preview shows how white text looks on a background with the XYZ color 73.5961, 89.3753,

88.2351.

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

73.5961, 89.3753, 88.2351

Protanopia

84.5582, 88.7475, 82.4853

Deuteranopia

87.2472, 88.5821, 93.3886



Tritanopia

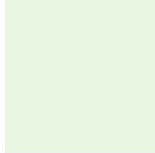
82.3810, 88.8557, 107.4167

Trichromacy



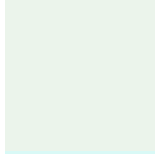
Original Color

73.5961, 89.3753, 88.2351



Protanomaly

79.9619, 88.5583, 84.8305



Deuteranomaly

81.6070, 88.3617, 91.3516



Tritanomaly

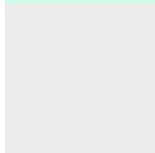
79.1255, 89.1569, 100.2274

Monochromacy



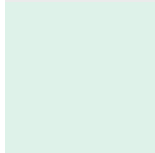
Original Color

73.5961, 89.3753, 88.2351



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.5843, 84.9170, 89.4450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5961, 89.3753, 88.2351 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(199, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.5961, 89.3753, 88.2351 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(199, 255, 230) }
```


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

```
.border{ border-color:rgb(199, 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(199, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5961, 89.3753, 88.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 230) }
```

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

```
.background{ background-color: rgb(199,  
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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