

Converting Colors

XYZ(73.9970, 88.7536, 90.5364)

Have a look what the booklet for
XYZ(73.9970, 88.7536, 90.5364)
contains.

XYZ(73.9207, 88.5513, 90.2869)	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(73.9207, 88.5513,
90.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FDE9
RGB	201, 253, 233
RGB Percent	79%, 99%, 91%
CMY	0.2118, 0.0078, 0.0863
CMYK	0.21, 0.00, 0.08, 0.01
HSL	157°, 93%, 89%
HSV	157°, 21%, 99%
XYZ	73.9207, 88.5513, 90.2869
YIQ	235.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

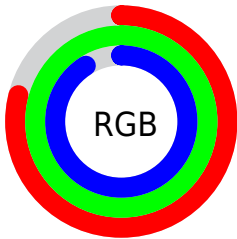
Format	Color
R_{YB}	201, 233, 253
Decimal	13237737
CIE _{Lab}	95.39, -20.33, 4.16
CIE _{LCh}	95, 20.751, 168.436
Yxy	88.5513, 0.2925, 0.3503
Android (android.graphics.Color)	4291427817 (0xFFC9FDE9)
YUV	235.1720, -1.0708, -29.9688
Hunter-Lab	94.1017, -24.4590, 8.9848

Details

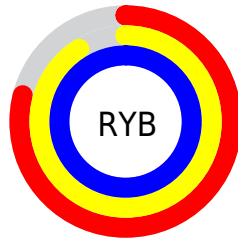
The XYZ color **73.9207, 88.5513, 90.2869** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4490, 67.8787, 77.5885**, and the grayscale version is **79.1200, 83.2404, 90.6488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5298, 48.7652, 48.9242** is the 20% darker color. If you saturate the color by 10%, you get **66.3198, 84.7915, 82.8739**, and if you desaturate by 10%, it is **82.7235, 92.9266, 98.1601**.

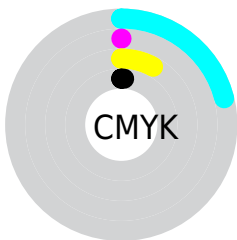
Distribution



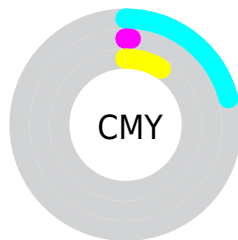
- Red (79%)
- Green (99%)
- Blue (91%)



- Red (79%)
- Yellow (91%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)




- Cyan (21%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9207, 88.5513, 90.2869 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 73.9207, 88.5513, 90.2869 by changing the saturation by 10% instead.

 73.9207, 88.5513,
90.2869

 73.9207, 88.5513,
90.2869


463.2542,
523.3069, 549.5578

 55.0202, 66.7797,
67.6436


123.7795,
145.3244, 149.6758

 39.6518, 48.9056,
49.1429


155.4685,
181.0948, 187.2585

 27.4502, 34.5446,
34.3665


192.1510,
222.3002, 230.6581

 18.0499, 23.3123,
22.8956

234.1924,
269.3251, 280.2931

 11.0857, 14.8243,
14.3119

281.9581,
322.5538, 336.5820

 6.1923, 8.6962,
8.1967

335.8134,

 3.0041, 4.5435,

382.3707, 399.9434

4.1315

396.1236,
449.1603, 470.7958

■ 1.1559, 1.9820,
1.6978

■ 0.0711, 0.5970,
0.3592

■ 73.9207, 88.5513,
90.2869

■ 73.9207, 88.5513,
90.2869

■ 66.3198, 84.7915,
82.8739

■ 82.7235, 92.9266,
98.1601

■ 59.8572, 81.6075,
75.9063

■ 92.7729, 97.9332,
106.4964

■ 54.4749, 78.9717,
69.3767

■ 94.4169, 98.7339,
108.6890

■ 50.1063, 76.8502,
63.2751

■ 46.6772, 75.2047,
57.5913

■ 44.1028, 73.9916,
52.3141

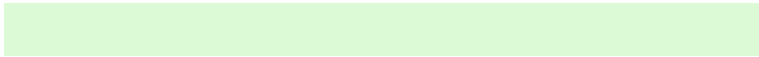
■ 42.2816, 73.1590,
47.4316

■ 41.1010, 72.6435,
43.1682

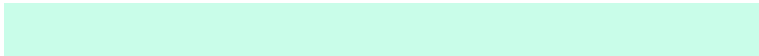
Harmonies

Analogous

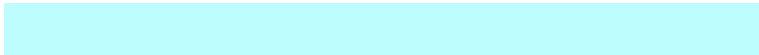
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2617, 88.5513, 77.1334



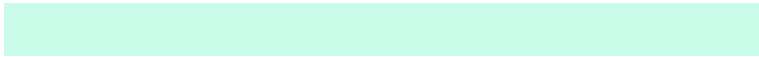
73.9207, 88.5513, 90.2869



74.2316, 88.5513, 106.6421

Triad

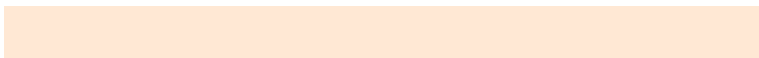
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9207, 88.5513, 90.2869



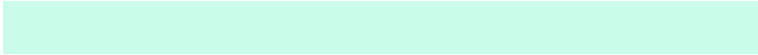
87.6637, 88.5513, 129.2087



91.6149, 88.5513, 74.8733

Complementary

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



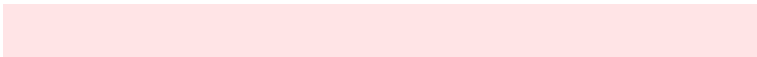
73.9207, 88.5513, 90.2869



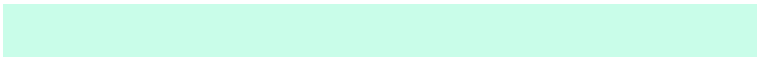
74.4490, 67.8787, 77.5885

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.



94.9480, 88.5513, 86.8679



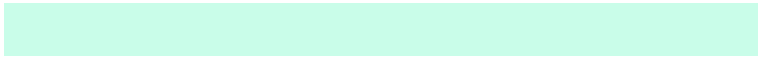
73.9207, 88.5513, 90.2869



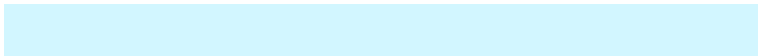
92.5970, 88.5513, 118.6740

Square

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



73.9207, 88.5513, 90.2869



81.9966, 88.5513, 130.3907



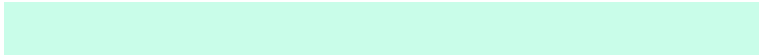
95.3153, 88.5513, 102.8191



86.3720, 88.5513, 68.9259

Rectangle

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



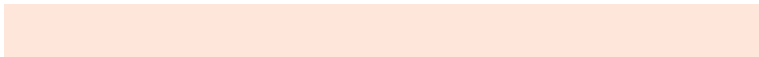
73.9207, 88.5513, 90.2869



75.9037, 88.5513, 117.1790



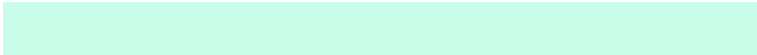
95.3153, 88.5513, 102.8191



93.0058, 88.5513, 78.2653

Sweetspot

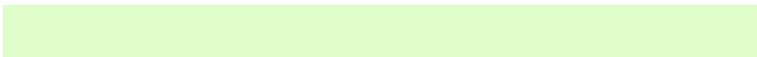
The Sweet Spot groups the original color and five complimentary colors.



73.9232, 88.5550, 90.2889



88.7102, 96.8395, 103.7328



75.7338, 89.9696, 68.6340



18.8460, 20.6571, 22.0849



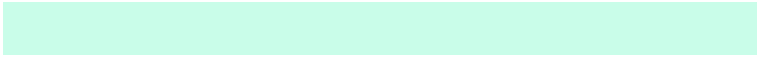
0.0000, 0.0000, 0.0000



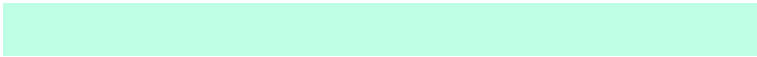
20.3446, 21.4041, 23.3091

Same Dimension

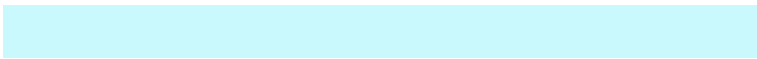
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9232, 88.5550, 90.2889



71.6590, 88.3689, 88.4955



75.3259, 86.5249, 105.6638



18.2414, 20.3561, 21.5741



21.9367, 38.6713, 23.3495



2.1893, 3.7867, 2.5548

Inverse Universe

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



74.4490, 67.8787, 77.5885



72.2906, 63.5768, 73.2727



73.1729, 69.3410, 64.7873



18.2985, 18.1027, 20.1893



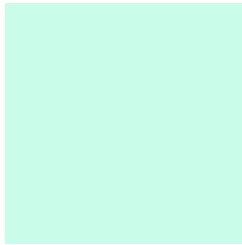
22.7702, 11.5974, 7.4405



2.2685, 1.1498, 0.9953

Previews

White Background



This preview shows how the XYZ color 73.9207, 88.5513, 90.2869 looks on a white background.

Color Contrast Check

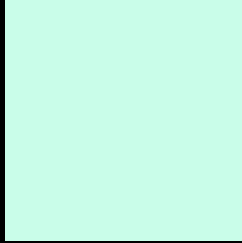
Large Text (above 18pt) WCAG AA × Fail

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 73.9207, 88.5513, 90.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

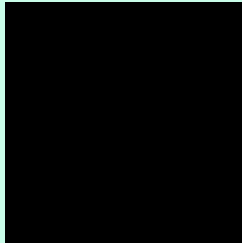
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

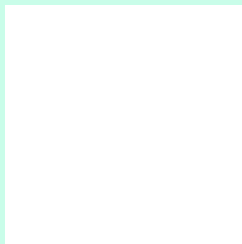
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9207, 88.5513, 90.2869

Background



This preview shows how black text looks on a background with the XYZ color 73.9207, 88.5513, 90.2869.



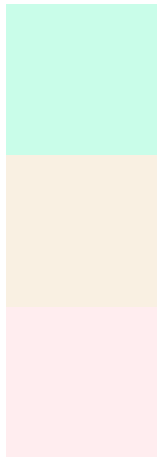
This preview shows how white text looks on a background with the XYZ color 73.9207, 88.5513,

90.2869.

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

73.9207, 88.5513, 90.2869

Protanopia

83.9545, 87.9509, 84.5029

Deuteranopia

87.1042, 88.0604, 94.0678



Tritanopia

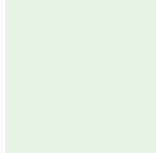
81.7537, 88.5324, 107.3873

Trichromacy



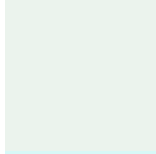
Original Color

73.9207, 88.5513, 90.2869



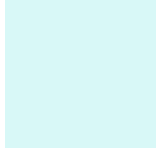
Protanomaly

80.0740, 88.1178, 86.9168



Deuteranomaly

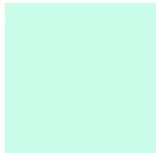
81.5976, 87.8778, 92.7822



Tritanomaly

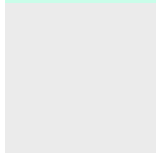
78.6748, 88.4491, 100.9215

Monochromacy



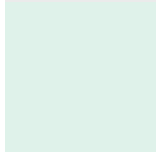
Original Color

73.9207, 88.5513, 90.2869



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

77.0348, 85.1327, 90.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9207, 88.5513, 90.2869 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(201, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 253, 233)  
}
```

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(201, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 253, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.9207, 88.5513, 90.2869 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(201, 253, 233) }
```


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

```
.border{ border-color:rgb(201, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 253, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 253, 233); box-shadow:4px 4px 4px 4px rgb(201, 253, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9207, 88.5513, 90.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 253, 233) }
```

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

```
.background{ background-color: rgb(201,  
253, 233) }
```

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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