

Converting Colors

XYZ(73.1764, 88.3913, 81.1941)

Have a look what the booklet for
XYZ(73.1764, 88.3913, 81.1941)
contains.

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Color

**XYZ(73.2204, 88.3970,
80.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFDDC
RGB	205, 253, 220
RGB Percent	80%, 99%, 86%
CMY	0.1961, 0.0078, 0.1372
CMYK	0.19, 0.00, 0.13, 0.01
HSL	139°, 92%, 90%
HSV	139°, 19%, 99%
XYZ	73.2204, 88.3970, 80.9134
YIQ	234.8860, -18.0150, -20.4390

Conversions

Conversions Part 2

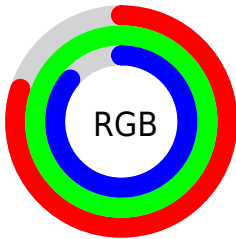
Format	Color
RYB	205, 242, 253
Decimal	13499868
CIELab	95.33, -21.51, 10.79
CIELCh	95, 24.062, 153.358
Yxy	88.3970, 0.3019, 0.3645
Android (android.graphics.Color)	4291689948 (0xFFCDFDDC)
YUV	234.8860, -7.3388, -26.2100
Hunter-Lab	94.0197, -25.5227, 14.7888

Details

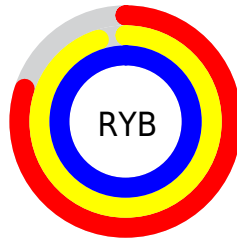
The XYZ color **73.2204, 88.3970, 80.9134** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.7751, 70.7205, 90.4440**, and the grayscale version is **78.9448, 83.0561, 90.4481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1091, 48.6805, 42.9323** is the 20% darker color. If you saturate the color by 10%, you get **64.6126, 84.2145, 69.1046**, and if you desaturate by 10%, it is **83.2013, 93.2646, 94.0416**.

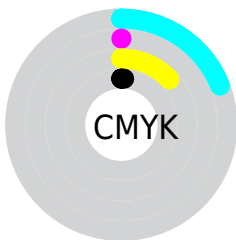
Distribution



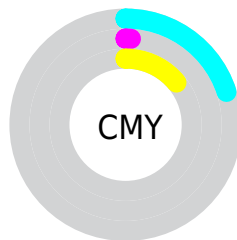
- Red (80%)
- Green (99%)
- Blue (86%)



- Red (80%)
- Yellow (95%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)





- Cyan (20%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2204, 88.3970, 80.9134 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 73.2204, 88.3970, 80.9134 by changing the saturation by 10% instead.


 73.2204, 88.3970,
80.9134

 73.2204, 88.3970,
80.9134


460.8703,
522.8025, 517.7935

 54.4452, 66.6519,
59.9397


122.7915,
145.1097, 136.4721

 39.1898, 48.8018,
42.9451


154.3181,
180.8462, 171.8943

 27.0888, 34.4623,
29.5109


190.8259,
222.0152, 212.9696

 17.7769, 23.2490,
19.2188

232.6803,
269.0011, 260.1167

 10.8886, 14.7774,
11.6501

280.2465,
322.1884, 313.7541

 6.0587, 8.6633,
6.3862

333.8901,

 2.9218, 4.5222,

381.9615, 374.3003

3.0088

393.9762,
448.7047, 442.1739

■ 1.1126, 1.9698,
1.0991

■ 0.0356, 0.5898,
0.0000

■ 73.2204, 88.3970,
80.9134

■ 73.2204, 88.3970,
80.9134

■ 64.6126, 84.2145,
69.1046

■ 83.2013, 93.2646,
94.0416

■ 57.3092, 80.6751,
58.5682

■ 94.3833, 98.7205,
108.5120

■ 51.2464, 77.7493,
49.2633

■ 94.4170, 98.7339,
108.6890

■ 46.3519, 75.4007,
41.1442

■ 42.5456, 73.5890,
34.1626

■ 39.7368, 72.2687,
28.2667

■ 37.8190, 71.3857,
23.4004

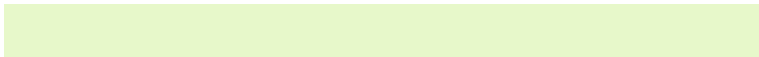
■ 36.6389, 70.8624,
19.5010

■ 36.5404, 70.8193,
19.1522

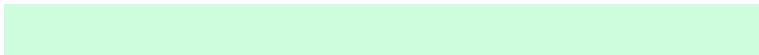
Harmonies

Analogous

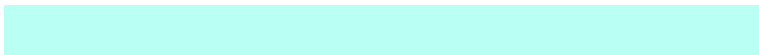
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2587, 88.3970, 69.0708



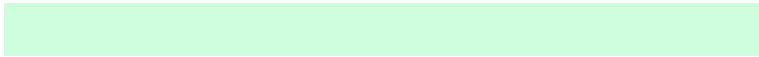
73.2204, 88.3970, 80.9134



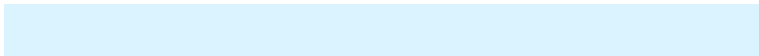
72.0225, 88.3970, 98.3852

Triad

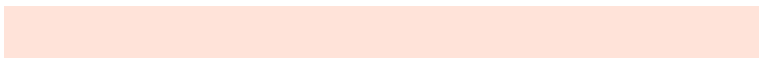
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2204, 88.3970, 80.9134



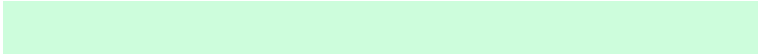
84.7612, 88.3970, 137.0949



95.0237, 88.3970, 77.6860

Complementary

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



73.2204, 88.3970, 80.9134



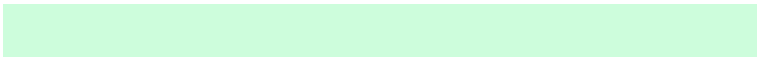
77.7751, 70.7205, 90.4440

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.



97.2781, 88.3970, 94.1445



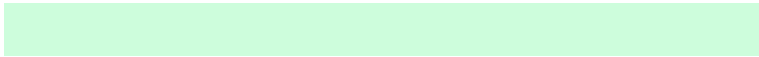
73.2204, 88.3970, 80.9134



91.1619, 88.3970, 129.7590

Square

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



73.2204, 88.3970, 80.9134



78.4777, 88.3970, 132.3639



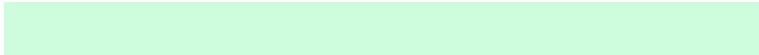
95.8297, 88.3970, 113.4100



89.8146, 88.3970, 67.3852

Rectangle

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



73.2204, 88.3970, 80.9134



72.9415, 88.3970, 111.3258



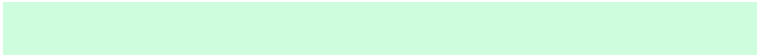
95.8297, 88.3970, 113.4100



96.1642, 88.3970, 82.5994

Sweetspot

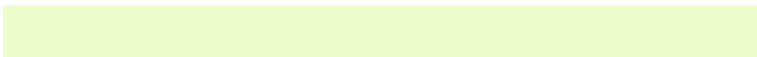
The Sweet Spot groups the original color and five complimentary colors.



73.2228, 88.4007, 80.9154



87.9957, 96.5537, 99.9702



81.6097, 92.9437, 71.3974



18.6772, 20.5896, 21.1962



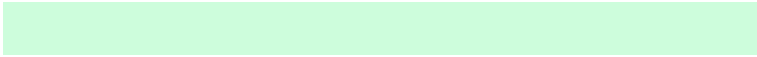
0.0000, 0.0000, 0.0000



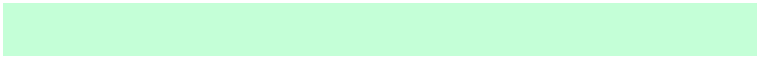
20.3446, 21.4041, 23.3091

Same Dimension

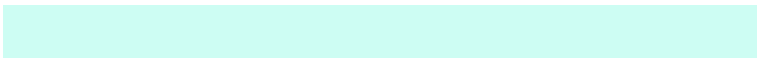
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2228, 88.4007, 80.9154



70.8404, 88.1925, 77.3618



76.5431, 89.7288, 98.3999



18.0053, 20.2617, 20.3311



19.4947, 37.6945, 10.4904



1.9449, 3.6889, 1.2676

Inverse Universe

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



77.7751, 70.7205, 90.4440



76.2973, 66.9933, 88.7801



74.5564, 69.4330, 73.4949



18.5369, 18.1981, 21.4442



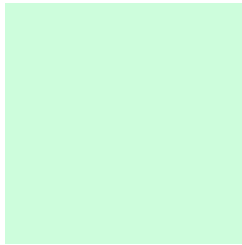
25.6787, 12.7608, 22.7561



2.5495, 1.2622, 2.4753

Previews

White Background



This preview shows how the XYZ color 73.2204, 88.3970, 80.9134 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 73.2204, 88.3970, 80.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

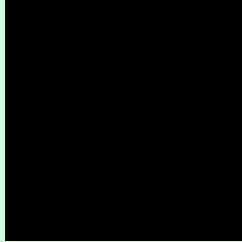
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

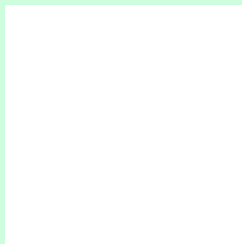
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2204, 88.3970, 80.9134

Background



This preview shows how black text looks on a background with the XYZ color 73.2204, 88.3970, 80.9134.



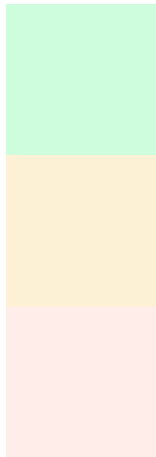
This preview shows how white text looks on a background with the XYZ color 73.2204, 88.3970,

80.9134.

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

73.2204, 88.3970, 80.9134

Protanopia

83.3152, 87.8197, 75.5105

Deuteranopia

86.3755, 87.7689, 90.2305



Tritanopia

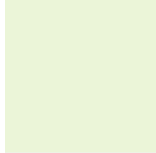
81.7647, 88.0901, 107.3014

Trichromacy



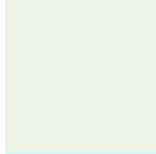
Original Color

73.2204, 88.3970, 80.9134



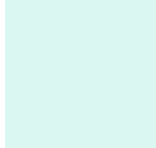
Protanomaly

79.3080, 87.9249, 77.7570



Deuteranomaly

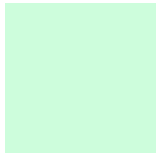
81.1185, 87.7629, 86.7933



Tritanomaly

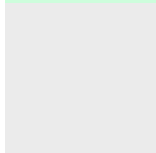
78.2012, 87.8378, 96.8371

Monochromacy



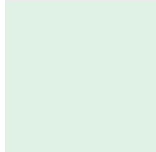
Original Color

73.2204, 88.3970, 80.9134



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.7755, 85.0647, 87.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2204, 88.3970, 80.9134 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(205, 253, 220)` looks like.

```
.text, #text, p{  
    color:rgb(205, 253, 220)  
}
```

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(205, 253, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 253, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.2204, 88.3970, 80.9134 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(205, 253, 220) }
```


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

```
.border{ border-color:rgb(205, 253, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 253, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 253, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 253, 220);  
box-shadow:4px 4px 4px 4px rgb(205, 253,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2204, 88.3970, 80.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 253, 220) }
```

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

```
.background{ background-color: rgb(205,  
253, 220) }
```

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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