

Converting Colors

XYZ(71.2311, 87.1063, 73.0831)

Have a look what the booklet for
XYZ(71.2311, 87.1063, 73.0831)
contains.

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Color

**XYZ(71.2209, 87.0616,
73.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFCD1
RGB	204, 252, 209
RGB Percent	80%, 99%, 82%
CMY	0.2000, 0.0117, 0.1804
CMYK	0.19, 0.00, 0.17, 0.01
HSL	126°, 89%, 89%
HSV	126°, 19%, 99%
XYZ	71.2209, 87.0616, 73.3724
YIQ	232.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

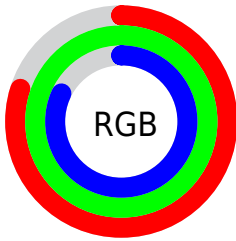
Format	Color
RYB	204, 247, 252
Decimal	13434065
CIELab	94.76, -23.29, 15.63
CIELCh	95, 28.048, 146.133
Yxy	87.0616, 0.3074, 0.3758
Android (android.graphics.Color)	4291624145 (0xFFCCFCDD)
YUV	232.7460, -11.7068, -25.2102
Hunter-Lab	93.3068, -27.0382, 18.6917

Details

The XYZ color **71.2209, 87.0616, 73.3724** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.5293, 70.5987, 97.4877**, and the grayscale version is **77.3563, 81.3848, 88.6281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7423, 47.7529, 37.7998** is the 20% darker color. If you saturate the color by 10%, you get **62.2649, 82.7475, 59.3826**, and if you desaturate by 10%, it is **81.6953, 92.1176, 89.5044**.

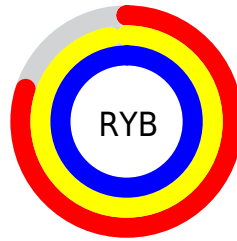
Distribution



Red (80%)

Green (99%)

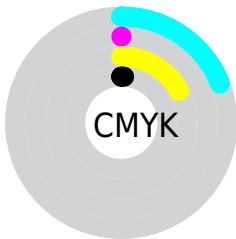
Blue (82%)



Red (80%)

Yellow (97%)

Blue (99%)

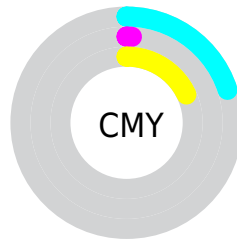


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (1%)



Cyan (20%)

Magenta (1%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2209, 87.0616, 73.3724 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 71.2209, 87.0616, 73.3724 by changing the saturation by 10% instead.

71.2209, 87.0616,
73.3724

71.2209, 87.0616,
73.3724

454.0251,
518.4253, 491.4098

52.8057, 65.5462,
53.7868

119.9650,
143.2500, 125.7316

37.8745, 47.9041,
38.0393

151.0246,
178.6918, 159.3422

26.0621, 33.7509,
25.7111

187.0297,
219.5444, 198.4650

17.0030, 22.7023,
16.3838

228.3457,
266.1924, 243.5185

10.3320, 14.3739,
9.6389

275.3378,
319.0201, 294.9212

5.6836, 8.3812,
5.0577

328.3715,

2.6925, 4.3398,

378.4119, 353.0916

2.2218

387.8122,
444.7521, 418.4483

■ 0.9933, 1.8654,
0.6869

■ 0.0000, 0.5274,
0.0000

■ 71.2209, 87.0616,
73.3724

■ 71.2209, 87.0616,
73.3724

■ 62.2649, 82.7475,
59.3826

■ 81.6953, 92.1176,
89.5044

■ 54.7500, 79.1300,
47.4394

■ 93.7466, 97.9366,
107.8572

■ 48.6027, 76.1757,
37.4487

■ 94.1021, 98.1041,
108.5840

■ 43.7403, 73.8442,
29.3064

■ 40.0709, 72.0906,
22.8993

■ 37.4906, 70.8639,
18.1013

■ 35.8770, 70.1042,
14.7694

■ 35.0565, 69.7254,
12.7344

■ 35.0013, 69.6998,
12.6007

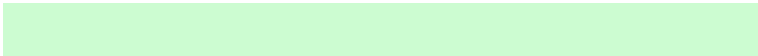
Harmonies

Analogous

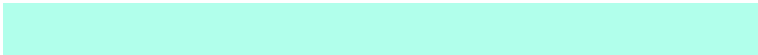
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4906, 87.0616, 62.0242



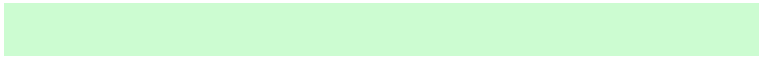
71.2209, 87.0616, 73.3724



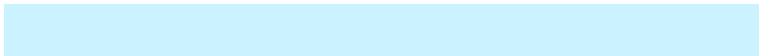
69.0348, 87.0616, 92.0061

Triad

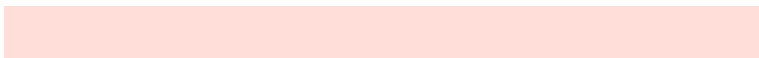
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2209, 87.0616, 73.3724



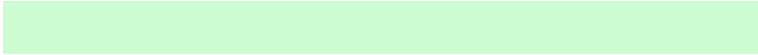
81.7697, 87.0616, 142.8728



96.5454, 87.0616, 77.5629

Complementary

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



71.2209, 87.0616, 73.3724



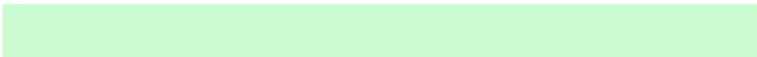
78.5293, 70.5987, 97.4877

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.



98.1699, 87.0616, 97.6403



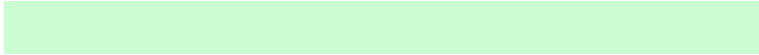
71.2209, 87.0616, 73.3724



89.3407, 87.0616, 137.4551

Square

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



71.2209, 87.0616, 73.3724



74.8853, 87.0616, 133.8777



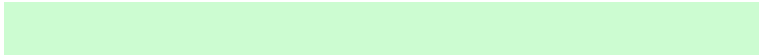
95.4594, 87.0616, 120.0283



91.1457, 87.0616, 64.1716

Rectangle

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



71.2209, 87.0616, 73.3724



69.5154, 87.0616, 106.8811



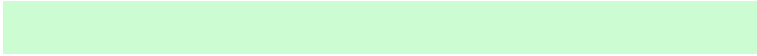
95.4594, 87.0616, 120.0283



97.5647, 87.0616, 83.6567

Sweetspot

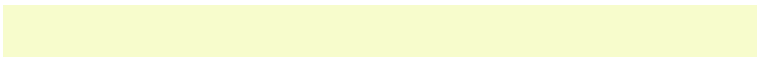
The Sweet Spot groups the original color and five complimentary colors.



71.2232, 87.0653, 73.3743



87.5145, 96.3612, 97.4364



84.1414, 93.7953, 70.7974



18.5638, 20.5442, 20.5991



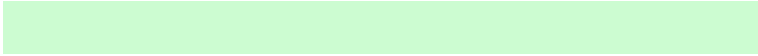
0.0000, 0.0000, 0.0000



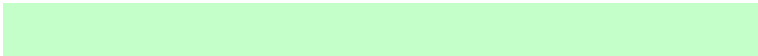
20.3446, 21.4041, 23.3091

Same Dimension

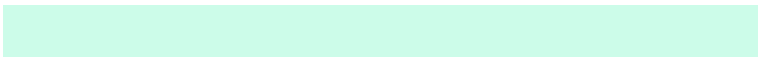
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2232, 87.0653, 73.3743



69.3313, 87.5888, 69.4148



74.3943, 88.3337, 90.0731



17.0908, 19.3386, 18.6790



18.2564, 36.3155, 6.6933



1.7144, 3.3728, 0.7437

Inverse Universe

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



78.5293, 70.5987, 97.4877



78.1408, 67.7307, 98.4881



75.0868, 69.2217, 79.3593



17.9105, 17.4916, 21.3847



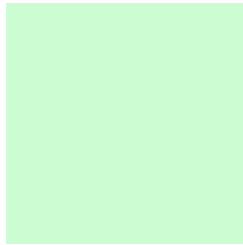
28.0775, 13.6467, 38.7121



2.6222, 1.2726, 3.6999

Previews

White Background



This preview shows how the XYZ color 71.2209, 87.0616, 73.3724 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 71.2209, 87.0616, 73.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

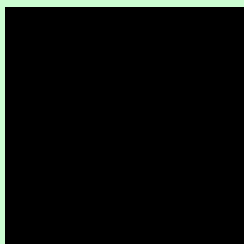
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

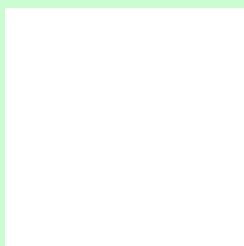
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2209, 87.0616, 73.3724

Background



This preview shows how black text looks on a background with the XYZ color 71.2209, 87.0616, 73.3724.



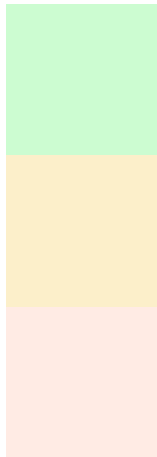
This preview shows how white text looks on a background with the XYZ color 71.2209, 87.0616,

73.3724.

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

71.2209, 87.0616, 73.3724

Protanopia

81.6721, 86.6927, 68.3059

Deuteranopia

84.9519, 86.2781, 85.5747



Tritanopia

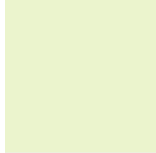
80.8411, 87.1685, 107.1722

Trichromacy



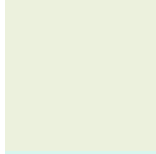
Original Color

71.2209, 87.0616, 73.3724



Protanomaly

77.6311, 86.7713, 70.4146



Deuteranomaly

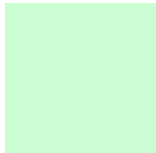
79.0985, 85.9639, 80.8304



Tritanomaly

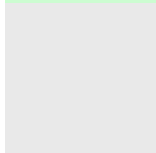
77.0037, 86.8363, 93.5915

Monochromacy



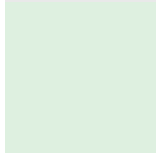
Original Color

71.2209, 87.0616, 73.3724



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.7388, 83.2316, 82.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2209, 87.0616, 73.3724 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(204, 252, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 252, 209)  
}
```

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(204, 252, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 252, 209) }
```

Border

The CSS property to change the border of an element to XYZ 71.2209, 87.0616, 73.3724 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(204, 252, 209) }
```


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

```
.border{ border-color:rgb(204, 252, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 252, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 252, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 252, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 252,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2209, 87.0616, 73.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 252, 209) }
```

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

```
.background{ background-color: rgb(204,  
252, 209) }
```

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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