

Converting Colors

XYZ(71.9691, 87.2690, 73.0141)

Have a look what the booklet for
XYZ(71.9691, 87.2690, 73.0141)
contains.

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Color

**XYZ(71.9277, 87.4403,
72.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFCD0
RGB	207, 252, 208
RGB Percent	81%, 99%, 82%
CMY	0.1882, 0.0117, 0.1843
CMYK	0.18, 0.00, 0.17, 0.01
HSL	121°, 88%, 90%
HSV	121°, 18%, 99%
XYZ	71.9277, 87.4403, 72.7612
YIQ	233.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

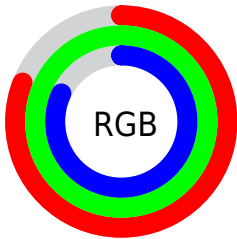
Format	Color
R _Y B	207, 251, 252
Decimal	13630672
CIE Lab	94.92, -22.48, 16.40
CIE LCh	95, 27.826, 143.900
Yxy	87.4403, 0.3099, 0.3767
Android (android.graphics.Color)	4291820752 (0xFFCFFCD0)
YUV	233.5290, -12.5858, -23.2659
Hunter-Lab	93.5095, -26.3391, 19.3222

Details

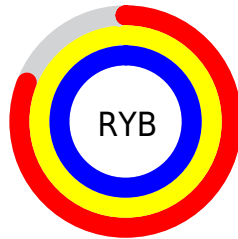
The XYZ color **71.9277, 87.4403, 72.7612** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.8734, 72.2881, 101.0139**, and the grayscale version is **77.9517, 82.0112, 89.3102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2967, 48.0387, 37.8258** is the 20% darker color. If you saturate the color by 10%, you get **62.6415, 82.9791, 57.7125**, and if you desaturate by 10%, it is **82.8133, 92.6766, 90.3468**.

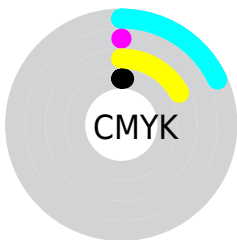
Distribution



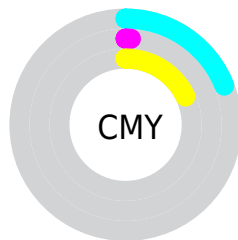
- Red (81%)
- Green (99%)
- Blue (82%)



- Red (81%)
- Yellow (98%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9277, 87.4403, 72.7612 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 71.9277, 87.4403, 72.7612 by changing the saturation by 10% instead.


 71.9277, 87.4403,
72.7612

 71.9277, 87.4403,
72.7612


456.4514,
519.6686, 489.2353

 53.3849, 65.8596,
53.2901

120.9651,
143.7777, 124.8559

 38.3388, 48.1585,
37.6451


152.1904,
179.3032, 158.3166

 26.4242, 33.9524,
25.4077


188.3738,
220.2458, 197.2776

 17.2756, 22.8570,
16.1593

229.8808,
266.9898, 242.1573

 10.5277, 14.4880,
9.4813

277.0767,
319.9197, 293.3744

 5.8151, 8.4608,
4.9554

330.3269,

 2.7726, 4.3912,

379.4199, 351.3475

2.1628

389.9967,
445.8747, 416.4949

■ 1.0347, 1.8947,
0.6528

■ 0.0000, 0.5452,
0.0000

■ 71.9277, 87.4403,
72.7612

■ 71.9277, 87.4403,
72.7612

■ 62.6415, 82.9791,
57.7125

■ 82.8133, 92.6766,
90.3468

■ 54.8728, 79.2458,
45.0783

■ 94.1021, 98.1043,
108.5840

■ 48.5430, 76.2050,
34.7347

■ 43.5638, 73.8143,
26.5444

■ 39.8372, 72.0262,
20.3558

■ 37.2516, 70.7872,
15.9973

■ 35.6763, 70.0338,
13.2685

■ 34.9394, 69.6830,
11.9217

■ 34.8428, 69.6365,
11.7657

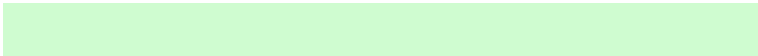
Harmonies

Analogous

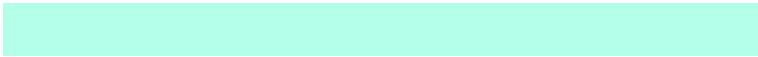
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3681, 87.4403, 62.0436



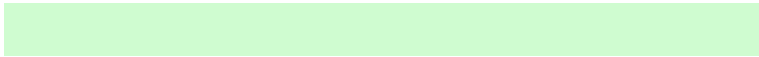
71.9277, 87.4403, 72.7612



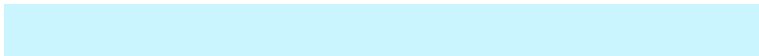
69.4998, 87.4403, 90.8593

Triad

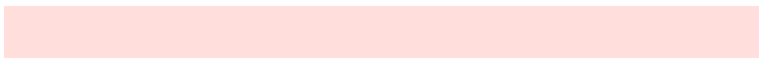
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9277, 87.4403, 72.7612



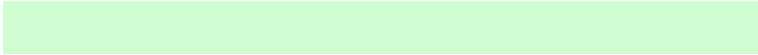
81.5769, 87.4403, 142.7960



97.0942, 87.4403, 79.3442

Complementary

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



71.9277, 87.4403, 72.7612



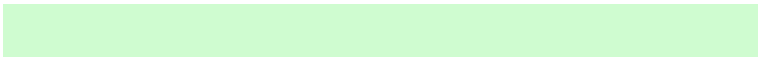
79.8734, 72.2881, 101.0139

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.



98.3889, 87.4403, 99.6925



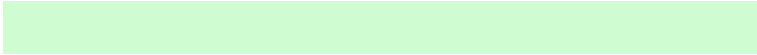
71.9277, 87.4403, 72.7612



89.1279, 87.4403, 138.4796

Square

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



71.9277, 87.4403, 72.7612



74.8496, 87.4403, 132.8874



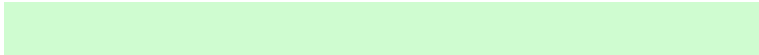
95.3937, 87.4403, 121.8522



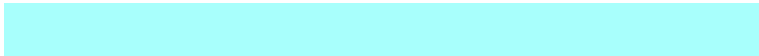
91.9555, 87.4403, 65.4226

Rectangle

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



71.9277, 87.4403, 72.7612



69.8045, 87.4403, 105.5436



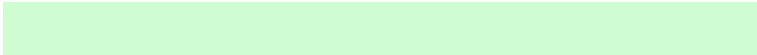
95.3937, 87.4403, 121.8522



98.0058, 87.4403, 85.5694

Sweetspot

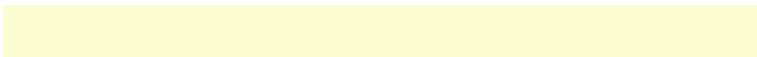
The Sweet Spot groups the original color and five complimentary colors.



71.9301, 87.4440, 72.7631



88.5711, 96.8844, 98.4575



85.9505, 94.6860, 72.7785



18.7704, 20.6471, 20.7717



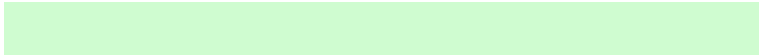
0.0000, 0.0000, 0.0000



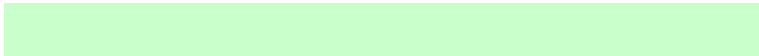
20.3446, 21.4041, 23.3091

Same Dimension

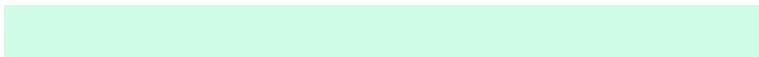
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9301, 87.4440, 72.7631



70.7053, 88.2947, 69.5917



74.8632, 88.6173, 88.2088



17.0330, 19.3155, 18.3746



18.1561, 36.2755, 6.1654



1.6869, 3.3619, 0.5991

Inverse Universe

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



79.8734, 72.2881, 101.0139



80.0905, 70.3869, 102.9706



76.5685, 70.9661, 83.6105



17.9754, 17.5175, 21.7262



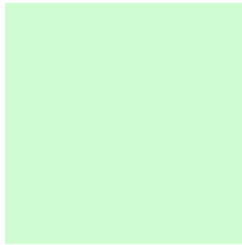
29.6166, 14.2624, 46.8168



2.7482, 1.3230, 4.3632

Previews

White Background



This preview shows how the XYZ color 71.9277, 87.4403, 72.7612 looks on a white background.

Color Contrast Check

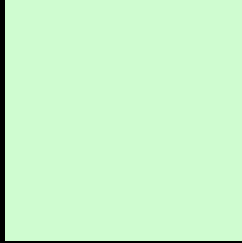
Large Text (above 18pt) WCAG AA × Fail

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 71.9277, 87.4403, 72.7612 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

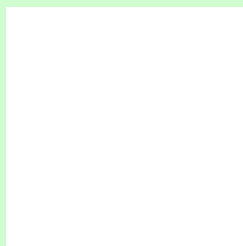
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9277, 87.4403, 72.7612

Background



This preview shows how black text looks on a background with the XYZ color 71.9277, 87.4403, 72.7612.



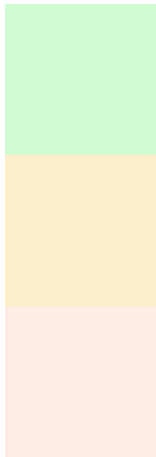
This preview shows how white text looks on a background with the XYZ color 71.9277, 87.4403,

72.7612.

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

71.9277, 87.4403, 72.7612

Protanopia

82.0352, 86.8799, 68.3229

Deuteranopia

85.2390, 86.8523, 85.6704



Tritanopia

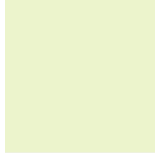
81.4646, 87.4899, 107.2013

Trichromacy



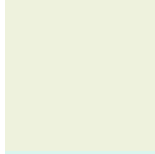
Original Color

71.9277, 87.4403, 72.7612



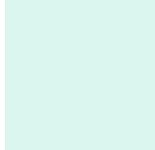
Protanomaly

77.8418, 86.8939, 69.7962



Deuteranomaly

80.0632, 86.9019, 80.9606



Tritanomaly

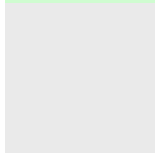
77.6018, 87.1447, 93.6195

Monochromacy



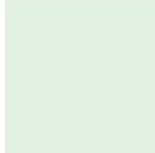
Original Color

71.9277, 87.4403, 72.7612



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.7864, 84.1941, 83.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9277, 87.4403, 72.7612 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(207, 252, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 208)  
}
```

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(207, 252, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 208) }
```

Border

The CSS property to change the border of an element to XYZ 71.9277, 87.4403, 72.7612 is called "border". The border property can be set on classes, ids or directly on the HTML element.

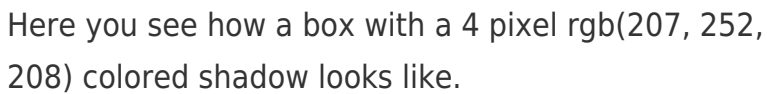
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 252, 208) }
```


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

```
.border{ border-color:rgb(207, 252, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 252, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 252, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 252, 208); box-shadow:4px 4px 4px 4px rgb(207, 252, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9277, 87.4403, 72.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 208) }
```

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

```
.background{ background-color: rgb(207,  
252, 208) }
```

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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