

Converting Colors

XYZ(72.7760, 87.7119, 74.4974)

Have a look what the booklet for
XYZ(72.7760, 87.7119, 74.4974)
contains.

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Color

**XYZ(72.8628, 87.8793,
74.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FCD3
RGB	209, 252, 211
RGB Percent	82%, 99%, 83%
CMY	0.1804, 0.0117, 0.1725
CMYK	0.17, 0.00, 0.16, 0.01
HSL	123°, 88%, 90%
HSV	123°, 17%, 99%
XYZ	72.8628, 87.8793, 74.7501
YIQ	234.4690, -12.4670, -21.8670

Conversions

Conversions Part 2

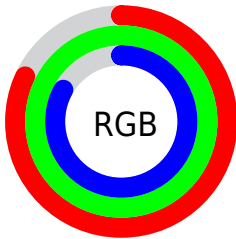
Format	Color
R _Y B	209, 250, 252
Decimal	13761747
CIE Lab	95.11, -21.32, 15.14
CIE LCh	95, 26.143, 144.623
Yxy	87.8793, 0.3094, 0.3732
Android (android.graphics.Color)	4291951827 (0xFFD1FCD3)
YUV	234.4690, -11.5702, -22.3363
Hunter-Lab	93.7440, -25.3122, 18.3438

Details

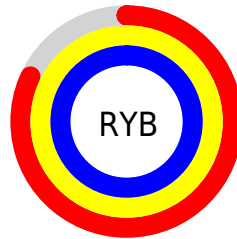
The XYZ color **72.8628, 87.8793, 74.7501** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.2038, 73.2006, 100.3485**, and the grayscale version is **78.6560, 82.7522, 90.1172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8423, 48.3005, 38.7282** is the 20% darker color. If you saturate the color by 10%, you get **63.4985, 83.3768, 59.7456**, and if you desaturate by 10%, it is **83.8100, 93.1508, 92.1828**.

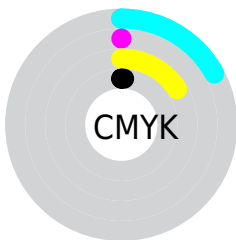
Distribution



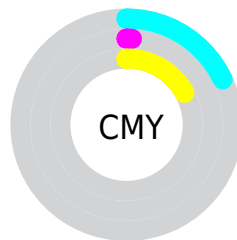
- Red (82%)
- Green (99%)
- Blue (83%)



- Red (82%)
- Yellow (98%)
- Blue (99%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8628, 87.8793, 74.7501 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 72.8628, 87.8793, 74.7501 by changing the saturation by 10% instead.


 72.8628, 87.8793,
74.7501

 72.8628, 87.8793,
74.7501


459.6503,
521.1079, 496.2907

 54.1518, 66.2231,
54.9077


122.2866,
144.3891, 127.7024

 38.9542, 48.4535,
38.9297


153.7301,
180.0115, 161.6494

 26.9046, 34.1862,
26.3976


190.1484,
221.0581, 201.1349

 17.6378, 23.0367,
16.8929

231.9069,
267.9133, 246.5776

 10.7884, 14.6206,
9.9970

279.3710,
320.9615, 298.3960

 5.9910, 8.5535,
5.2914

332.9061,

 2.8802, 4.4511,

380.5871, 357.0086

2.3575

392.8774,
447.1744, 422.8340

■ 1.0907, 1.9290,
0.7632

■ 0.0173, 0.5657,
0.0000

■ 72.8628, 87.8793,
74.7501

■ 72.8628, 87.8793,
74.7501

■ 63.4985, 83.3768,
59.7456

■ 83.8100, 93.1508,
92.1828

■ 55.6371, 79.5968,
47.0560

■ 94.1021, 98.1043,
108.5840

■ 49.2024, 76.5051,
36.5681

■ 44.1089, 74.0602,
28.1564

■ 40.2616, 72.2161,
21.6831

■ 37.5534, 70.9210,
16.9937

■ 35.8590, 70.1140,
13.9101

■ 35.0204, 69.7182,
12.2173

■ 34.8768, 69.6501,
11.9446

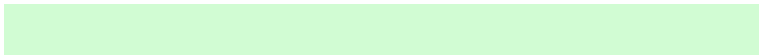
Harmonies

Analogous

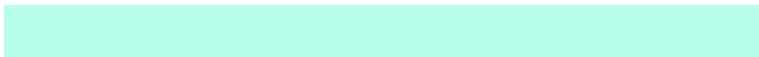
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9563, 87.8793, 64.3088



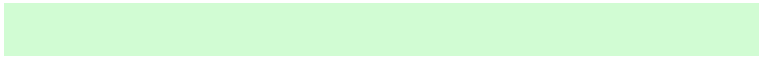
72.8628, 87.8793, 74.7501



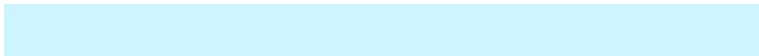
70.6350, 87.8793, 92.0612

Triad

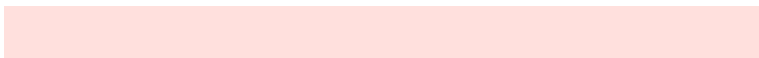
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8628, 87.8793, 74.7501



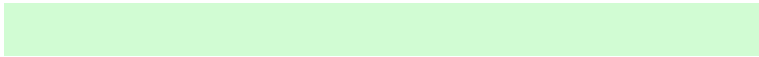
82.2513, 87.8793, 140.2266



96.5887, 87.8793, 80.2745

Complementary

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



72.8628, 87.8793, 74.7501



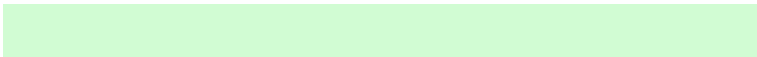
80.2038, 73.2006, 100.3485

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.



97.8985, 87.8793, 99.4040



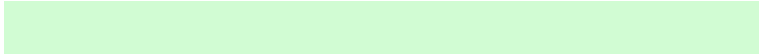
72.8628, 87.8793, 74.7501



89.3563, 87.8793, 135.8986

Square

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



72.8628, 87.8793, 74.7501



75.8550, 87.8793, 131.3125



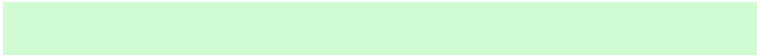
95.1833, 87.8793, 120.2051



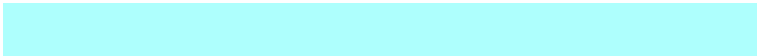
91.6989, 87.8793, 67.1669

Rectangle

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



72.8628, 87.8793, 74.7501



70.9780, 87.8793, 105.9198



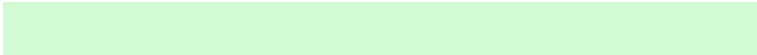
95.1833, 87.8793, 120.2051



97.4735, 87.8793, 86.1328

Sweetspot

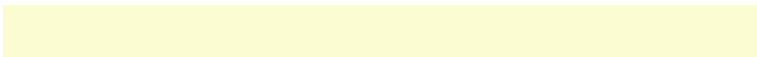
The Sweet Spot groups the original color and five complimentary colors.



72.8652, 87.8830, 74.7520



88.6178, 96.9031, 98.7034



85.9506, 94.6576, 74.0633



18.7817, 20.6516, 20.8311



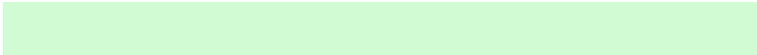
0.0000, 0.0000, 0.0000



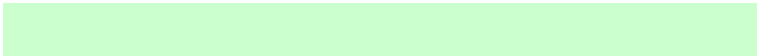
20.3446, 21.4041, 23.3091

Same Dimension

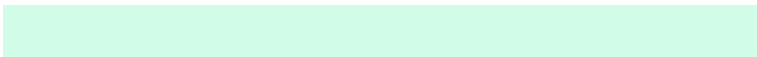
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8652, 87.8830, 74.7520



71.8477, 88.8317, 71.9895



75.6636, 89.0024, 89.4883



17.0501, 19.3223, 18.4644



18.1812, 36.2855, 6.2976



1.6950, 3.3651, 0.6419

Inverse Universe

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



80.2038, 73.2006, 100.3485



80.5032, 71.5139, 102.1783



77.1004, 71.9592, 84.0059



17.9561, 17.5098, 21.6246



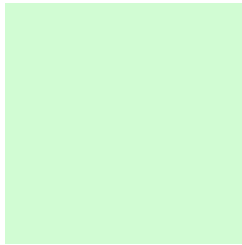
29.1422, 14.0726, 44.3187



2.7095, 1.3076, 4.1598

Previews

White Background



This preview shows how the XYZ color 72.8628, 87.8793, 74.7501 looks on a white background.

Color Contrast Check

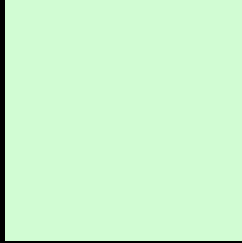
Large Text (above 18pt) WCAG AA × Fail

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 72.8628, 87.8793, 74.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

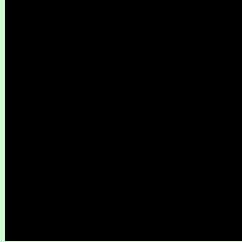
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

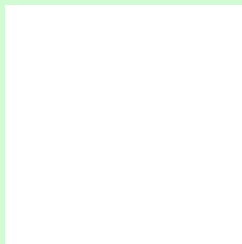
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8628, 87.8793, 74.7501

Background



This preview shows how black text looks on a background with the XYZ color 72.8628, 87.8793, 74.7501.

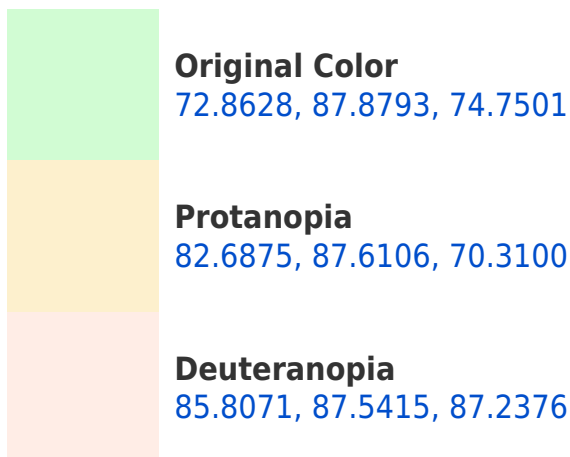


This preview shows how white text looks on a background with the XYZ color 72.8628, 87.8793,

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





Tritanopia

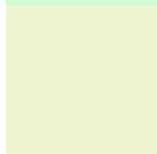
81.7791, 87.6521, 107.2161

Trichromacy



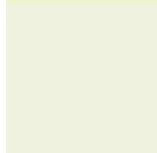
Original Color

72.8628, 87.8793, 74.7501



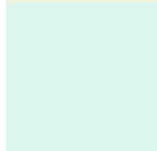
Protanomaly

78.5382, 87.2109, 71.7255



Deuteranomaly

80.3313, 87.0091, 82.3726



Tritanomaly

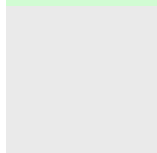
78.0510, 87.3592, 94.4096

Monochromacy



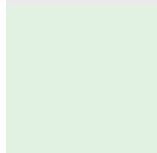
Original Color

72.8628, 87.8793, 74.7501



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.2341, 84.4091, 84.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8628, 87.8793, 74.7501 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(209, 252, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 252, 211)  
}
```

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(209, 252, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 252, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.8628, 87.8793, 74.7501 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(209, 252, 211) }
```


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

```
.border{ border-color:rgb(209, 252, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 252, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 252, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 252, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 252,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8628, 87.8793, 74.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 252, 211) }
```

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

```
.background{ background-color: rgb(209,  
252, 211) }
```

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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