

Converting Colors

XYZ(72.7601, 88.3252, 69.8286)

Have a look what the booklet for
XYZ(72.7601, 88.3252, 69.8286)
contains.

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Color

**XYZ(72.7687, 88.4112,
69.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FDCB
RGB	211, 253, 203
RGB Percent	83%, 99%, 80%
CMY	0.1725, 0.0078, 0.2039
CMYK	0.17, 0.00, 0.20, 0.01
HSL	110°, 93%, 89%
HSV	110°, 20%, 99%
XYZ	72.7687, 88.4112, 69.7297
YIQ	234.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

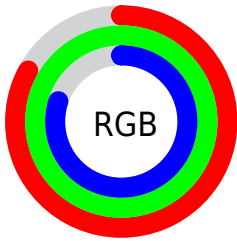
Format	Color
RYB	203, 253, 245
Decimal	13893067
CIELab	95.33, -22.48, 19.56
CIELCh	95, 29.799, 138.965
Yxy	88.4112, 0.3151, 0.3829
Android (android.graphics.Color)	4292083147 (0xFFD3FDCB)
YUV	234.7420, -15.6488, -20.8217
Hunter-Lab	94.0272, -26.4046, 21.8502

Details

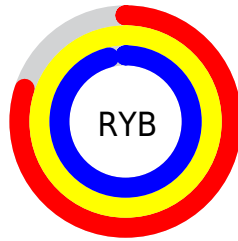
The XYZ color **72.7687, 88.4112, 69.7297** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.7454, 69.2188, 102.2487**, and the grayscale version is **78.8915, 83.0000, 90.3870**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8750, 48.7177, 35.7883** is the 20% darker color. If you saturate the color by 10%, you get **64.3052, 84.3711, 54.8586**, and if you desaturate by 10%, it is **82.5340, 93.0707, 87.2338**.

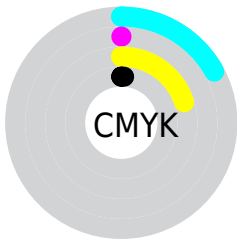
Distribution



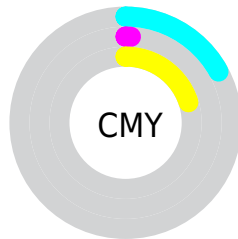
- Red (83%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7687, 88.4112, 69.7297 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 72.7687, 88.4112, 69.7297 by changing the saturation by 10% instead.


 72.7687, 88.4112,
69.7297

 72.7687, 88.4112,
69.7297


459.3290,
522.8489, 478.3638

 54.0746, 66.6637,
50.8308


122.1537,
145.1295, 120.5007

 38.8922, 48.8113,
35.6981


153.5753,
180.8691, 153.2099

 26.8562, 34.4699,
23.9133


189.9700,
222.0414, 191.3595

 17.6013, 23.2548,
15.0577

231.7033,
269.0309, 235.3681

 10.7621, 14.7818,
8.7128

279.1405,
322.2221, 285.6544

 5.9732, 8.6664,
4.4601

332.6469,

 2.8693, 4.5242,

381.9992, 342.6367

1.8810

392.5880,
448.7466, 406.7337

■ 1.0850, 1.9709,
0.4806

■ 0.0125, 0.5905,
0.0000

■ 72.7687, 88.4112,
69.7297

■ 72.7687, 88.4112,
69.7297

■ 64.3052, 84.3711,
54.8586

■ 82.5340, 93.0707,
87.2338

■ 57.0814, 80.9134,
42.4876

■ 93.6460, 98.3625,
107.4834

■ 51.0403, 78.0143,
32.4812

■ 94.4170, 98.7340,
108.6890

■ 46.1178, 75.6441,
24.6885

■ 42.2435, 73.7700,
18.9414

■ 39.3389, 72.3558,
15.0477

■ 37.3133, 71.3597,
12.7785

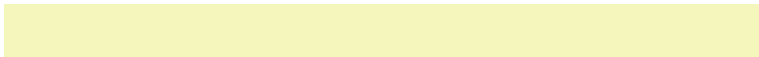
■ 36.0437, 70.7262,
11.7690

■ 36.0206, 70.7147,
11.7508

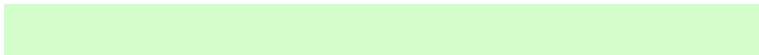
Harmonies

Analogous

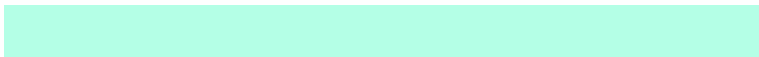
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0468, 88.4112, 59.7866



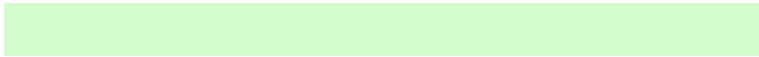
72.7687, 88.4112, 69.7297



69.5851, 88.4112, 87.9361

Triad

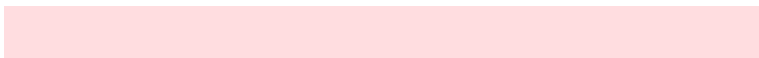
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7687, 88.4112, 69.7297



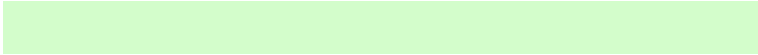
81.0714, 88.4112, 147.3127



99.7228, 88.4112, 82.4175

Complementary

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



72.7687, 88.4112, 69.7297



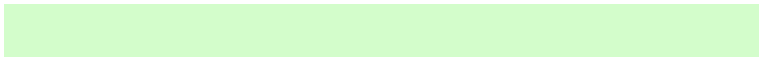
76.7454, 69.2188, 102.2487

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.



100.3522, 88.4112, 105.1033



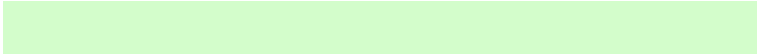
72.7687, 88.4112, 69.7297



89.2230, 88.4112, 145.1920

Square

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



72.7687, 88.4112, 69.7297



74.1684, 88.4112, 134.1962



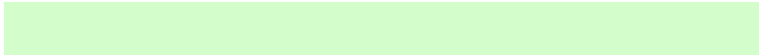
96.4018, 88.4112, 128.7992



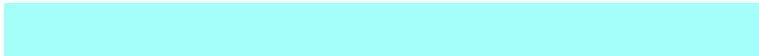
94.7339, 88.4112, 66.2531

Rectangle

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



72.7687, 88.4112, 69.7297



69.4985, 88.4112, 103.4214



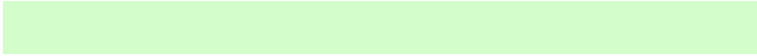
96.4018, 88.4112, 128.7992



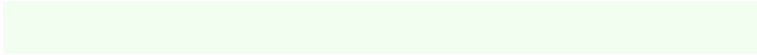
100.4627, 88.4112, 89.4461

Sweetspot

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



72.7711, 88.4150, 69.7316



88.1122, 96.6968, 96.2249



83.8429, 90.3019, 69.5123



18.7045, 20.6232, 20.3141



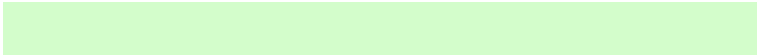
0.0000, 0.0000, 0.0000



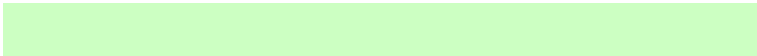
20.3446, 21.4041, 23.3091

Same Dimension

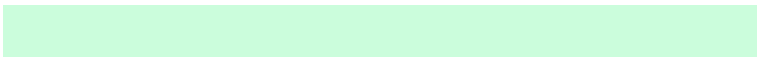
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7711, 88.4150, 69.7316



70.2648, 88.1856, 64.2394



72.6308, 88.1007, 80.6583



18.0421, 20.3076, 19.1132



19.2383, 37.6558, 6.2543



1.9470, 3.7045, 0.6124

Inverse Universe

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



76.7454, 69.2188, 102.2487



75.0268, 65.1649, 103.2315



77.0559, 69.6724, 89.0012



18.4905, 18.1446, 22.7777



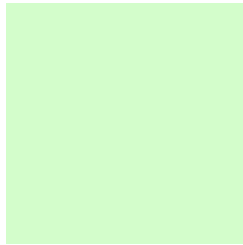
24.0603, 11.3140, 50.3503



2.4157, 1.1393, 4.9058

Previews

White Background



This preview shows how the XYZ color 72.7687, 88.4112, 69.7297 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 72.7687, 88.4112, 69.7297 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

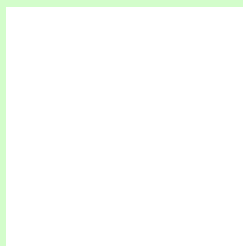
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7687, 88.4112, 69.7297

Background



This preview shows how black text looks on a background with the XYZ color 72.7687, 88.4112, 69.7297.



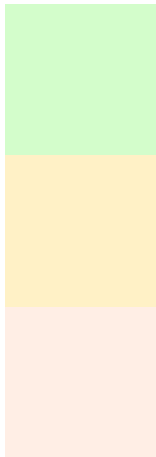
This preview shows how white text looks on a background with the XYZ color 72.7687, 88.4112,

69.7297.

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

72.7687, 88.4112, 69.7297

Protanopia

82.8883, 88.2478, 66.0909

Deuteranopia

85.9574, 88.0662, 86.5968



Tritanopia

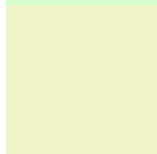
82.4137, 87.9792, 107.2458

Trichromacy



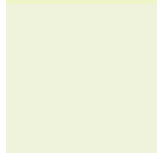
Original Color

72.7687, 88.4112, 69.7297



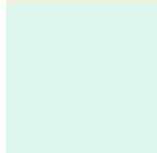
Protanomaly

78.6743, 87.8257, 67.4491



Deuteranomaly

80.5655, 87.6192, 80.3761



Tritanomaly

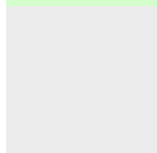
78.5253, 88.1073, 92.2246

Monochromacy



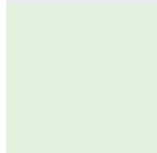
Original Color

72.7687, 88.4112, 69.7297



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4354, 85.0007, 82.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7687, 88.4112, 69.7297 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(211, 253, 203)` looks like.

```
.text, #text, p{  
    color:rgb(211, 253, 203)  
}
```

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(211, 253, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 253, 203) }
```

Border

The CSS property to change the border of an element to XYZ 72.7687, 88.4112, 69.7297 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(211, 253, 203) }
```


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

```
.border{ border-color:rgb(211, 253, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 253, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 253, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 253, 203); box-shadow:4px 4px 4px 4px rgb(211, 253, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7687, 88.4112, 69.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 253, 203) }
```

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

```
.background{ background-color: rgb(211,  
253, 203) }
```

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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