

Converting Colors

XYZ(72.1547, 85.8261, 74.1723)

Have a look what the booklet for
XYZ(72.1547, 85.8261, 74.1723)
contains.

XYZ(72.1892, 85.6868, 74.3625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.1892, 85.6868,
74.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F8D3
RGB	211, 248, 211
RGB Percent	83%, 97%, 83%
CMY	0.1725, 0.0274, 0.1725
CMYK	0.15, 0.00, 0.15, 0.03
HSL	120°, 73%, 90%
HSV	120°, 15%, 97%
XYZ	72.1892, 85.6868, 74.3625
YIQ	232.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

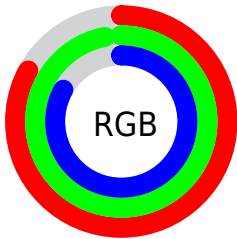
Format	Color
RYB	211, 248, 248
Decimal	13891795
CIELab	94.18, -18.71, 13.83
CIELCh	94, 23.273, 143.526
Yxy	85.6868, 0.3108, 0.3690
Android (android.graphics.Color)	4292081875 (0xFFD3F8D3)
YUV	232.7190, -10.7075, -19.0476
Hunter-Lab	92.5672, -22.7880, 17.1672

Details

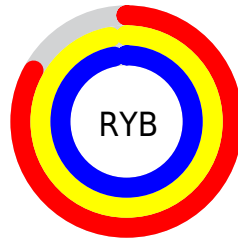
The XYZ color **72.1892, 85.6868, 74.3625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.9519, 73.3242, 98.8025**, and the grayscale version is **77.3262, 81.3531, 88.5936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5607, 47.1675, 38.5244** is the 20% darker color. If you saturate the color by 10%, you get **62.7520, 81.1562, 58.9244**, and if you desaturate by 10%, it is **83.2069, 90.9817, 92.3819**.

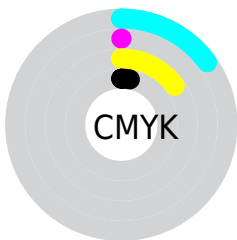
Distribution



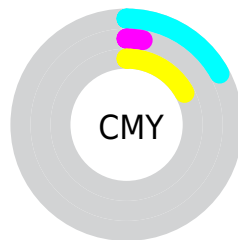
- Red (83%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1892, 85.6868, 74.3625 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 72.1892, 85.6868, 74.3625 by changing the saturation by 10% instead.


 72.1892, 85.6868,
74.3625

 72.1892, 85.6868,
74.3625


457.3473,
513.8979, 494.9204

 53.5993, 64.4090,
54.5922


121.3348,
141.3323, 127.1483

 38.5108, 46.9820,
38.6789


152.6212,
176.4689, 161.0009

 26.5584, 33.0214,
26.2041


188.8705,
216.9938, 200.3847

 17.3767, 22.1429,
16.7493

230.4480,
263.2915, 245.7182

 10.6004, 13.9619,
9.8958

277.7191,
315.7464, 297.4200

 5.8641, 8.0942,
5.2252

331.0491,

 2.8025, 4.1553,

374.7428, 355.9086

2.3190

390.8034,
440.6652, 421.6025

■ 1.0502, 1.7608,
0.7418

■ 0.0000, 0.4626,
0.0000

■ 72.1892, 85.6868,
74.3625

■ 72.1892, 85.6868,
74.3625

■ 62.7520, 81.1562,
58.9244

■ 83.2069, 90.9817,
92.3819

■ 54.8163, 77.3443,
45.9442

■ 92.8591, 95.6181,
108.1697

■ 48.3069, 74.2175,
35.2969

■ 43.1392, 71.7352,
26.8441

■ 39.2198, 69.8525,
20.4330

■ 36.4432, 68.5187,
15.8912

■ 34.6866, 67.6750,
13.0180

■ 33.7993, 67.2487,
11.5664

■ 33.5691, 67.1381,
11.1898

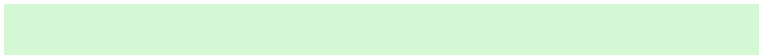
Harmonies

Analogous

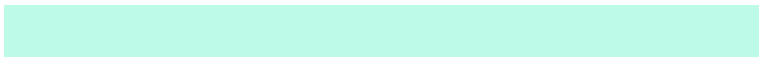
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7564, 85.6868, 65.2575



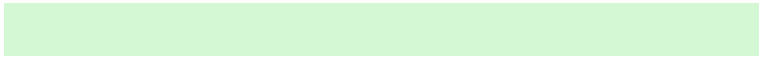
72.1892, 85.6868, 74.3625



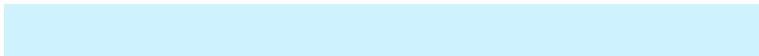
70.1157, 85.6868, 89.4850

Triad

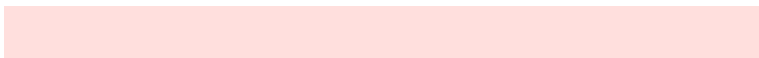
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1892, 85.6868, 74.3625



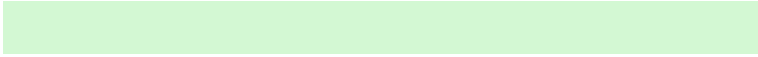
80.1001, 85.6868, 131.6860



92.9214, 85.6868, 80.2694

Complementary

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



72.1892, 85.6868, 74.3625



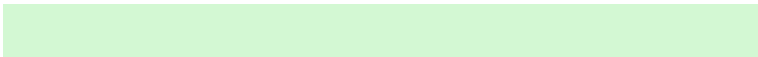
78.9519, 73.3242, 98.8025

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.



93.9283, 85.6868, 97.2186



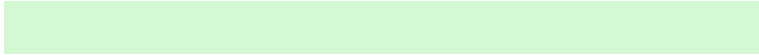
72.1892, 85.6868, 74.3625



86.3161, 85.6868, 128.4025

Square

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



72.1892, 85.6868, 74.3625



74.5304, 85.6868, 123.6777



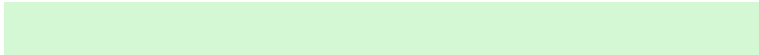
91.4551, 85.6868, 115.2034



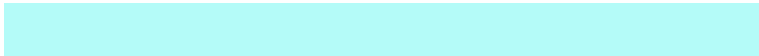
88.7697, 85.6868, 68.3518

Rectangle

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



72.1892, 85.6868, 74.3625



70.3474, 85.6868, 101.5502



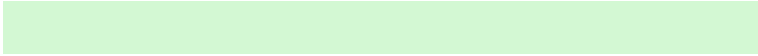
91.4551, 85.6868, 115.2034



93.6473, 85.6868, 85.5061

Sweetspot

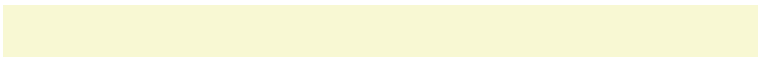
The Sweet Spot groups the original color and five complimentary colors.



72.1915, 85.6905, 74.3644



89.7974, 97.4769, 100.3085



84.0404, 91.7988, 74.9184



19.0157, 20.7658, 21.1354



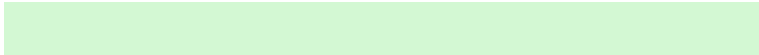
0.0000, 0.0000, 0.0000



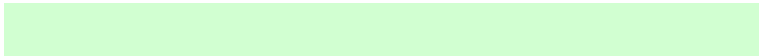
20.3446, 21.4041, 23.3091

Same Dimension

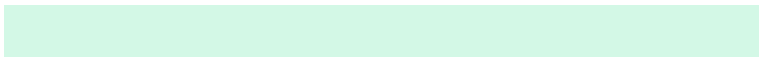
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1915, 85.6905, 74.3644



73.6039, 89.6984, 73.8214



74.6467, 86.6725, 87.2929



17.0175, 19.3093, 18.2926



18.1332, 36.2663, 6.0445



1.6794, 3.3589, 0.5599

Inverse Universe

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



78.9519, 73.3242, 98.8025



82.1148, 74.1300, 104.5875



76.2212, 72.2319, 84.4226



17.9931, 17.5246, 21.8194



30.0642, 14.4414, 49.1741



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 72.1892, 85.6868, 74.3625 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 72.1892, 85.6868, 74.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

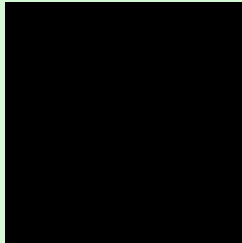
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

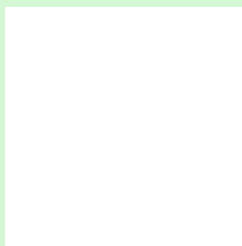
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1892, 85.6868, 74.3625

Background



This preview shows how black text looks on a background with the XYZ color 72.1892, 85.6868, 74.3625.



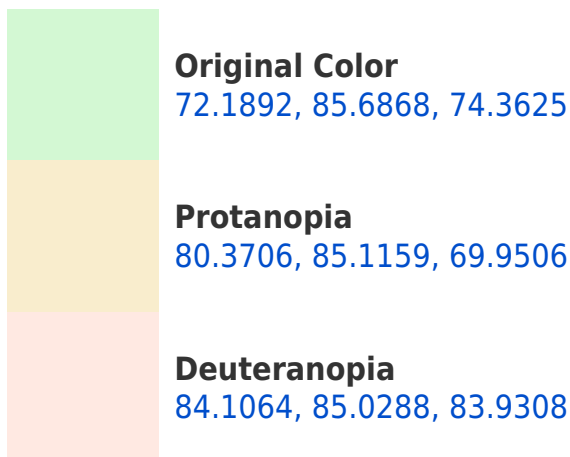
This preview shows how white text looks on a background with the XYZ color 72.1892, 85.6868, 74.3625.

74.3625.

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

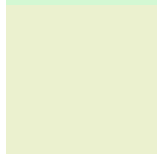
79.9506, 85.3875, 106.8753

Trichromacy



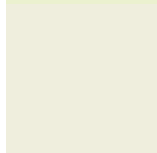
Original Color

72.1892, 85.6868, 74.3625



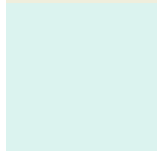
Protanomaly

76.9787, 85.0778, 71.3959



Deuteranomaly

79.2223, 84.7203, 80.5838



Tritanomaly

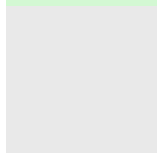
76.8440, 85.3932, 94.0938

Monochromacy



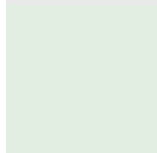
Original Color

72.1892, 85.6868, 74.3625



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.2165, 82.5929, 83.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1892, 85.6868, 74.3625 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, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 248, 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(211, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 248, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.1892, 85.6868, 74.3625 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, 248, 211) }
```


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

```
.border{ border-color:rgb(211, 248, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 248, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 248, 211); box-shadow:4px 4px 4px 4px rgb(211, 248, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1892, 85.6868, 74.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 248, 211) }
```

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

```
.background{ background-color: rgb(211,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor