

Converting Colors

XYZ(70.8234, 84.9354, 73.9125)

Have a look what the booklet for
XYZ(70.8234, 84.9354, 73.9125)
contains.

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Color

**XYZ(70.9324, 85.0533,
73.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF8D2
RGB	207, 248, 210
RGB Percent	81%, 97%, 82%
CMY	0.1882, 0.0274, 0.1765
CMYK	0.17, 0.00, 0.15, 0.03
HSL	124°, 75%, 89%
HSV	124°, 17%, 97%
XYZ	70.9324, 85.0533, 73.6512
YIQ	231.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

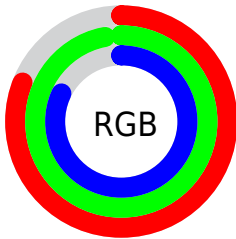
Format	Color
R _Y B	207, 245, 248
Decimal	13629650
CIE Lab	93.91, -20.20, 13.93
CIE LCh	94, 24.540, 145.417
Yxy	85.0533, 0.3089, 0.3704
Android (android.graphics.Color)	4291819730 (0xFFCFF8D2)
YUV	231.4090, -10.5546, -21.4067
Hunter-Lab	92.2243, -24.1031, 17.2075

Details

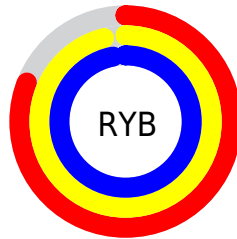
The XYZ color **70.9324, 85.0533, 73.6512** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.5086, 71.1767, 96.0434**, and the grayscale version is **76.3450, 80.3209, 87.4694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7149, 46.7412, 38.0445** is the 20% darker color. If you saturate the color by 10%, you get **61.8793, 80.6962, 59.3374**, and if you desaturate by 10%, it is **81.4898, 90.1432, 90.1861**.

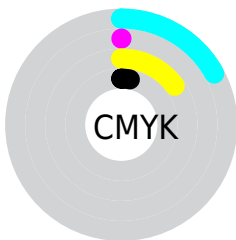
Distribution



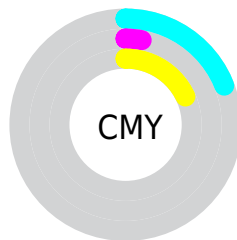
- Red (81%)
- Green (97%)
- Blue (82%)



- Red (81%)
- Yellow (96%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (19%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9324, 85.0533, 73.6512 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 70.9324, 85.0533, 73.6512 by changing the saturation by 10% instead.


 70.9324, 85.0533,
73.6512

 70.9324, 85.0533,
73.6512


453.0326,
511.8044, 492.3998

 52.5694, 63.8854,
54.0135


119.5565,
140.4476, 126.1307

 37.6852, 46.5579,
38.2192


150.5483,
175.4429, 159.8096

 25.9146, 32.6863,
25.8497


186.4804,
215.8161, 199.0061

 16.8921, 21.8862,
16.4865

227.7181,
261.9515, 244.1386

 10.2524, 13.7733,
9.7110

274.6268,
314.2337, 295.6257

 5.6302, 7.9632,
5.1047

327.5719,

 2.6600, 4.0714,

373.0470, 353.8859

2.2490

386.9187,
438.7758, 419.3377

■ 0.9766, 1.7136,
0.7024

■ 0.0000, 0.4324,
0.0000

■ 70.9324, 85.0533,
73.6512

■ 70.9324, 85.0533,
73.6512

■ 61.8793, 80.6962,
59.3374

■ 81.4898, 90.1432,
90.1861

■ 54.2555, 77.0279,
47.1447

■ 92.8590, 95.6180,
108.1697

■ 47.9899, 74.0165,
36.9741

■ 43.0025, 71.6230,
28.7161

■ 39.2051, 69.8046,
22.2513

■ 36.4981, 68.5126,
17.4465

■ 34.7656, 67.6906,
14.1503

■ 33.8644, 67.2686,
12.1834

■ 33.6794, 67.1822,
11.7710

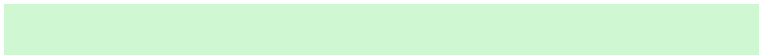
Harmonies

Analogous

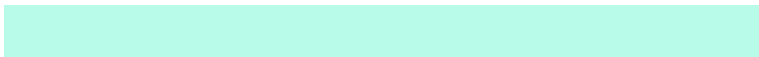
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5676, 85.0533, 63.7648



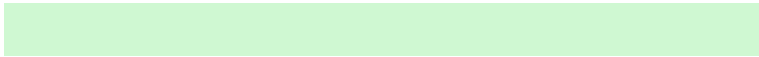
70.9324, 85.0533, 73.6512



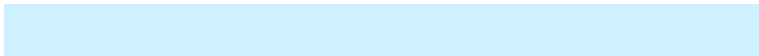
68.9534, 85.0533, 89.7634

Triad

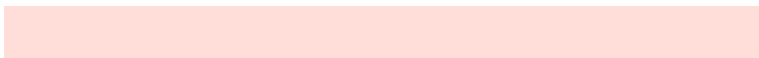
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9324, 85.0533, 73.6512



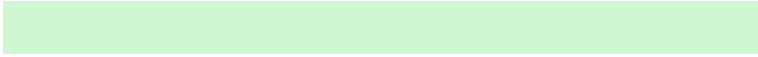
79.8409, 85.0533, 133.3014



92.7266, 85.0533, 78.0087

Complementary

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



70.9324, 85.0533, 73.6512



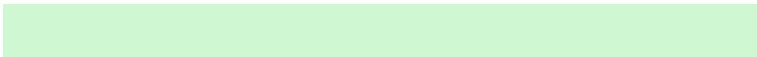
77.5086, 71.1767, 96.0434

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.



94.0210, 85.0533, 95.5133



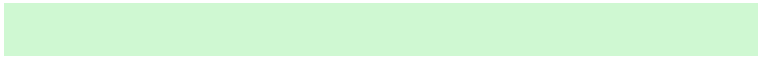
70.9324, 85.0533, 73.6512



86.3534, 85.0533, 129.0544

Square

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



70.9324, 85.0533, 73.6512



73.9175, 85.0533, 125.5008



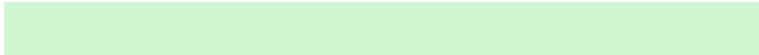
91.6310, 85.0533, 114.5682



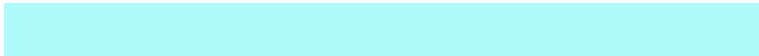
88.1830, 85.0533, 66.0329

Rectangle

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



70.9324, 85.0533, 73.6512



69.3245, 85.0533, 102.5064



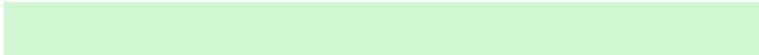
91.6310, 85.0533, 114.5682



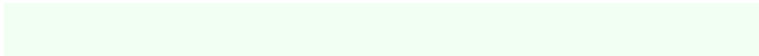
93.5662, 85.0533, 83.3694

Sweetspot

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



70.9347, 85.0569, 73.6531



88.6691, 96.9236, 98.9737



82.5828, 91.1045, 72.2649



18.7941, 20.6566, 20.8965



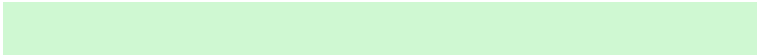
0.0000, 0.0000, 0.0000



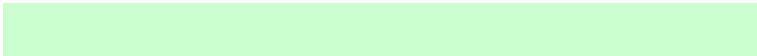
20.3446, 21.4041, 23.3091

Same Dimension

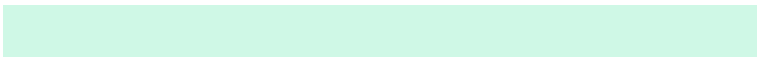
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9347, 85.0569, 73.6531



72.0140, 88.8983, 72.8653



73.6178, 86.1302, 87.7822



17.0689, 19.3298, 18.5634



18.2111, 36.2974, 6.4550



1.7040, 3.3687, 0.6890

Inverse Universe

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



77.5086, 71.1767, 96.0434



80.2878, 71.4277, 101.0438



74.5857, 70.0075, 80.6514



17.9350, 17.5014, 21.5134



28.6392, 13.8714, 41.6697



2.6684, 1.2911, 3.9432

Previews

White Background



This preview shows how the XYZ color 70.9324, 85.0533, 73.6512 looks on a white background.

Color Contrast Check

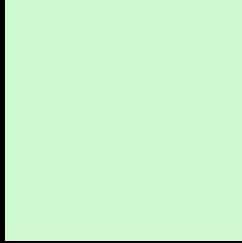
Large Text (above 18pt) WCAG AA × Fail

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 70.9324, 85.0533, 73.6512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

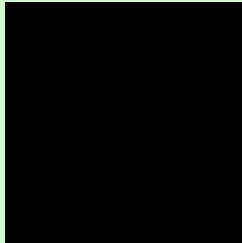
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

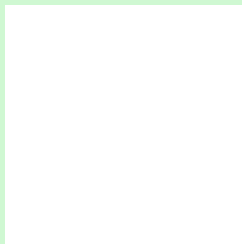
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9324, 85.0533, 73.6512

Background



This preview shows how black text looks on a background with the XYZ color 70.9324, 85.0533, 73.6512.

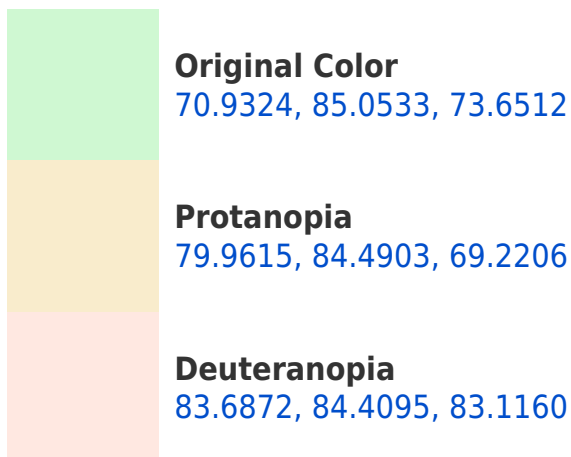


This preview shows how white text looks on a background with the XYZ color 70.9324, 85.0533,

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

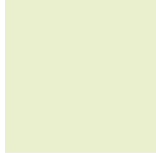
79.0289, 84.9123, 106.8322

Trichromacy



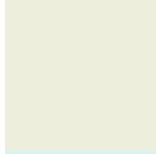
Original Color

70.9324, 85.0533, 73.6512



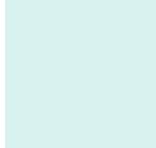
Protanomaly

76.2324, 84.2688, 70.6402



Deuteranomaly

78.7527, 84.4935, 79.8683



Tritanomaly

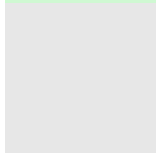
75.9495, 84.9321, 94.0519

Monochromacy



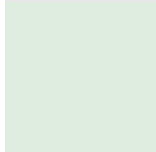
Original Color

70.9324, 85.0533, 73.6512



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.7277, 81.4257, 81.6429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9324, 85.0533, 73.6512 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, 248, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 210)  
}
```

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, 248, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 210) }
```

Border

The CSS property to change the border of an element to XYZ 70.9324, 85.0533, 73.6512 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, 248, 210) }
```


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

```
.border{ border-color:rgb(207, 248, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9324, 85.0533, 73.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 210) }
```

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

```
.background{ background-color: rgb(207,  
248, 210) }
```

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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