

Converting Colors

XYZ(73.8510, 85.6245, 83.1249)

Have a look what the booklet for
XYZ(73.8510, 85.6245, 83.1249)
contains.

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Color

**XYZ(73.8509, 85.4395,
83.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F6E0
RGB	213, 246, 224
RGB Percent	84%, 96%, 88%
CMY	0.1647, 0.0353, 0.1216
CMYK	0.13, 0.00, 0.09, 0.04
HSL	140°, 65%, 90%
HSV	140°, 13%, 96%
XYZ	73.8509, 85.4395, 83.1201
YIQ	233.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

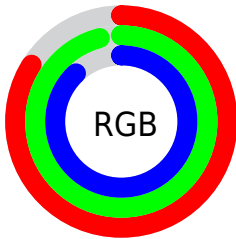
Format	Color
R _{YB}	213, 238, 246
Decimal	14022368
CIE _{Lab}	94.07, -14.78, 6.99
CIE _{LCh}	94, 16.353, 154.685
Y _{xy}	85.4395, 0.3047, 0.3525
Android (android.graphics.Color)	4292212448 (0xFFD5F6E0)
Y _{UV}	233.6250, -4.7451, -18.0881
Hunter-Lab	92.4335, -19.1438, 11.3874

Details

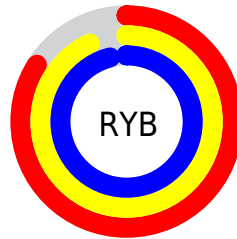
The XYZ color **73.8509, 85.4395, 83.1201** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7988, 73.1816, 88.6790**, and the grayscale version is **77.9668, 82.0271, 89.3275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6754, 46.9606, 44.5093** is the 20% darker color. If you saturate the color by 10%, you get **65.1315, 81.1916, 71.6560**, and if you desaturate by 10%, it is **83.8720, 90.3384, 95.7689**.

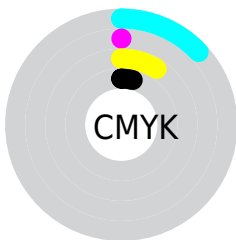
Distribution



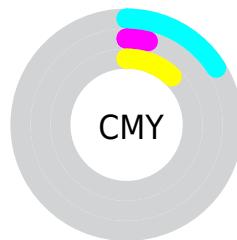
- Red (84%)
- Green (96%)
- Blue (88%)



- Red (84%)
- Yellow (93%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8509, 85.4395, 83.1201 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 73.8509, 85.4395, 83.1201 by changing the saturation by 10% instead.

73.8509, 85.4395,
83.1201

73.8509, 85.4395,
83.1201

463.0169,
513.0812, 525.3682

54.9629, 64.2046,
61.7480

123.6811,
140.9871, 139.5944

39.6057, 46.8164,
44.3947

155.3539,
176.0685, 175.5337

27.4141, 32.8905,
30.6414

192.0190,
216.5342, 217.1659

18.0227, 22.0426,
20.0698

234.0419,
262.7687, 264.9094

11.0660, 13.8882,
12.2612

281.7877,
315.1562, 319.1829

6.1789, 8.0430,
6.7971

335.6219,

2.9959, 4.1224,

374.0812, 380.4048

3.2590

395.9098,
439.9281, 448.9937

■ 1.1516, 1.7423,
1.2284

■ 0.0676, 0.4508,
0.0020

■ 73.8509, 85.4395,
83.1201

■ 73.8509, 85.4395,
83.1201

■ 65.1315, 81.1916,
71.6560

■ 83.8720, 90.3384,
95.7689

■ 57.6521, 77.5565,
61.3367

■ 92.2474, 94.3948,
107.9658

■ 51.3564, 74.5082,
52.1284

■ 46.1809, 72.0149,
43.9935

■ 42.0559, 70.0413,
36.8923

■ 38.9036, 68.5482,
30.7825

■ 36.6346, 67.4904,
25.6188

■ 35.1411, 66.8133,
21.3519

■ 34.4801, 66.5239,
19.0044

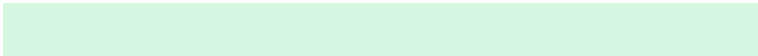
Harmonies

Analogous

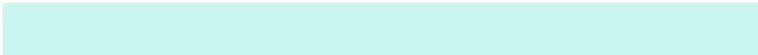
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5222, 85.4395, 74.6219



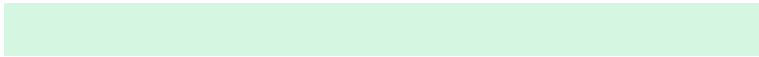
73.8509, 85.4395, 83.1201



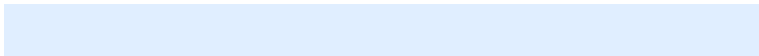
73.1227, 85.4395, 95.0072

Triad

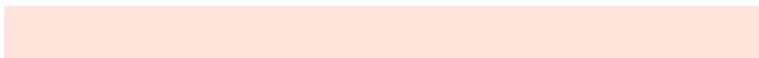
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8509, 85.4395, 83.1201



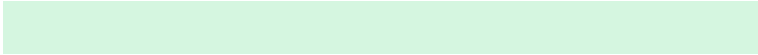
81.8955, 85.4395, 119.1152



88.3102, 85.4395, 80.0038

Complementary

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



73.8509, 85.4395, 83.1201



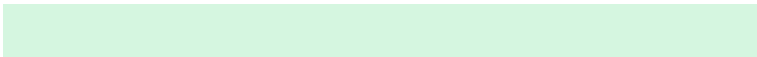
76.7988, 73.1816, 88.6790

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.



89.8676, 85.4395, 91.0786



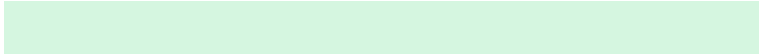
73.8509, 85.4395, 83.1201



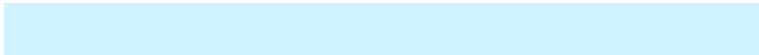
86.0806, 85.4395, 114.2388

Square

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



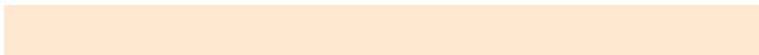
73.8509, 85.4395, 83.1201



77.6697, 85.4395, 116.5061



89.0375, 85.4395, 103.6959



84.8515, 85.4395, 72.9389

Rectangle

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



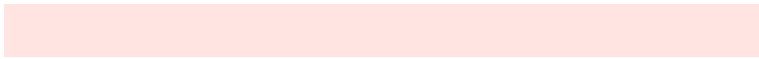
73.8509, 85.4395, 83.1201



73.8143, 85.4395, 103.4384



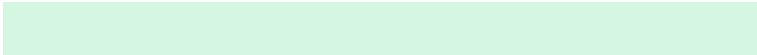
89.0375, 85.4395, 103.6959



89.0790, 85.4395, 83.3426

Sweetspot

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



73.8533, 85.4431, 83.1220



90.3207, 97.6862, 103.0643



79.4121, 88.4756, 75.8440



19.1476, 20.8185, 21.8302



0.0000, 0.0000, 0.0000



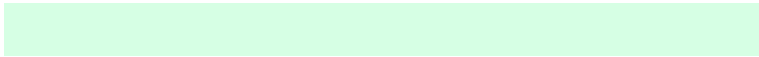
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8533, 85.4431, 83.1220



77.5256, 91.4365, 86.8153



76.1199, 86.3498, 95.0580



16.5100, 18.5631, 18.7041



18.4612, 35.5293, 10.4485



1.6683, 3.1410, 1.1593

Inverse Universe

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



76.7988, 73.1816, 88.6790



81.2744, 75.8293, 93.8867



74.5957, 72.3004, 77.0778



16.9651, 16.6689, 19.5628



23.9310, 11.9158, 20.1428



2.1509, 1.0663, 2.0208

Previews

White Background



This preview shows how the XYZ color 73.8509, 85.4395, 83.1201 looks on a white background.

Color Contrast Check

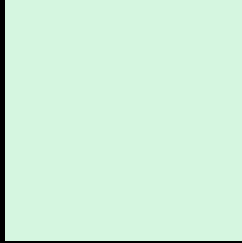
Large Text (above 18pt) WCAG AA × Fail

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 73.8509, 85.4395, 83.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

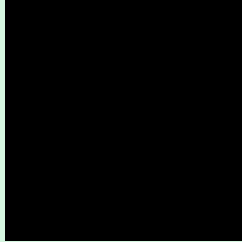
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

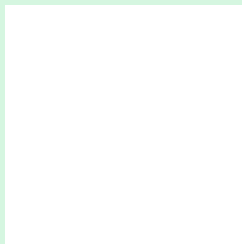
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8509, 85.4395, 83.1201

Background



This preview shows how black text looks on a background with the XYZ color 73.8509, 85.4395, 83.1201.

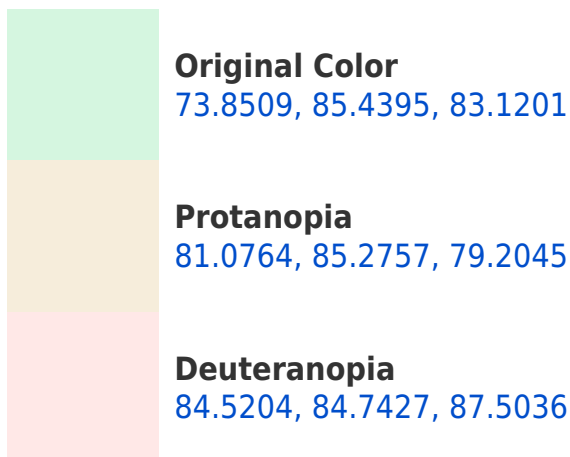


This preview shows how white text looks on a background with the XYZ color 73.8509, 85.4395,

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

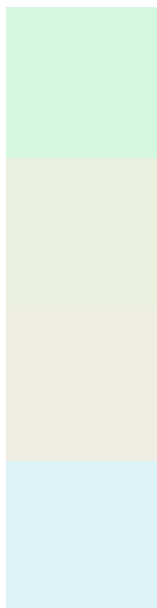




Tritanopia

79.9506, 85.3875, 106.8753

Trichromacy



Original Color

73.8509, 85.4395, 83.1201

Protanomaly

78.1429, 85.0331, 80.7011

Deuteranomaly

80.2230, 84.6951, 85.5184

Tritanomaly

77.5965, 85.2516, 97.9534

Monochromacy



Original Color

73.8509, 85.4395, 83.1201

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.2215, 83.0310, 86.8722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8509, 85.4395, 83.1201 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(213, 246, 224)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 224)  
}
```

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(213, 246, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8509, 85.4395, 83.1201 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(213, 246, 224) }
```


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

```
.border{ border-color:rgb(213, 246, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 246, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8509, 85.4395, 83.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 224) }
```

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

```
.background{ background-color: rgb(213,  
246, 224) }
```

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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