

Converting Colors

XYZ(73.4080, 82.9721, 80.4883)

Have a look what the booklet for
XYZ(73.4080, 82.9721, 80.4883)
contains.

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Color

**XYZ(73.4199, 83.0365,
80.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1DD
RGB	218, 241, 221
RGB Percent	85%, 95%, 87%
CMY	0.1451, 0.0549, 0.1333
CMYK	0.10, 0.00, 0.08, 0.05
HSL	128°, 45%, 90%
HSV	128°, 10%, 95%
XYZ	73.4199, 83.0365, 80.5646
YIQ	231.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

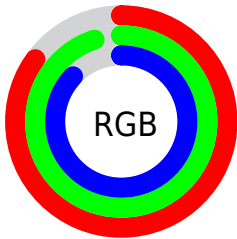
Format	Color
R _Y B	218, 238, 241
Decimal	14348765
CIE Lab	93.03, -11.19, 7.09
CIE LCh	93, 13.245, 147.641
Yxy	83.0365, 0.3098, 0.3503
Android (android.graphics.Color)	4292538845 (0xFFDAF1DD)
YUV	231.8430, -5.3456, -12.1403
Hunter-Lab	91.1244, -15.6482, 11.3678

Details

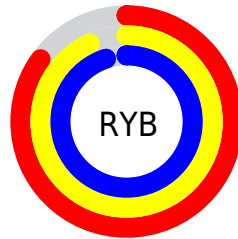
The XYZ color **73.4199, 83.0365, 80.5646** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7827, 75.0187, 91.3261**, and the grayscale version is **76.6289, 80.6196, 87.7947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3362, 45.2376, 42.7349** is the 20% darker color. If you saturate the color by 10%, you get **64.1102, 78.5423, 66.4521**, and if you desaturate by 10%, it is **84.1308, 88.2175, 96.5657**.

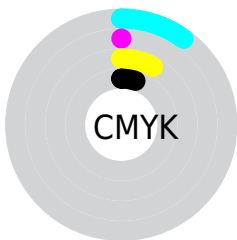
Distribution



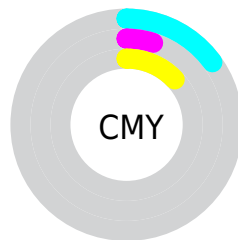
- Red (85%)
- Green (95%)
- Blue (87%)



- Red (85%)
- Yellow (93%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (15%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4199, 83.0365, 80.5646 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 73.4199, 83.0365, 80.5646 by changing the saturation by 10% instead.


 73.4199, 83.0365,
80.5646

 73.4199, 83.0365,
80.5646


461.5501,
505.1082, 516.5904

 54.6090, 62.2203,
59.6542


123.0731,
137.6266, 135.9778

 39.3213, 45.2107,
42.7165


154.6460,
172.1692, 171.3177

 27.1917, 31.6234,
29.3330


191.2036,
212.0561, 212.3044

 17.8545, 21.0740,
19.0851

233.1114,
257.6716, 259.3566

 10.9447, 13.1781,
11.5544

280.7345,
309.4002, 312.8927

 6.0967, 7.5513,
6.3222

334.4385,

 2.9452, 3.8092,

367.6262, 373.3314

2.9700

394.5885,
432.7341, 441.0911

■ 1.1248, 1.5674,
1.0793

■ 0.0457, 0.3355,
0.0000

■ 73.4199, 83.0365,
80.5646

■ 73.4199, 83.0365,
80.5646

■ 64.1102, 78.5423,
66.4521

■ 84.1308, 88.2175,
96.5657

■ 56.1369, 74.6959,
54.1531

■ 90.7469, 91.3938,
107.4656

■ 49.4404, 71.4704,
43.5958

■ 43.9541, 68.8333,
34.7014

■ 39.6049, 66.7487,
27.3851

■ 36.3122, 65.1768,
21.5546

■ 33.9841, 64.0727,
17.1079

■ 32.5132, 63.3832,
13.9303

■ 31.7366, 63.0273,
11.8870

Harmonies

Analogous

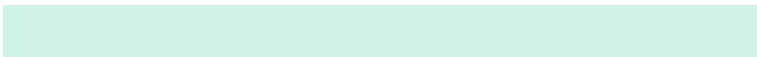
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8681, 83.0365, 74.5170



73.4199, 83.0365, 80.5646



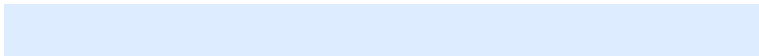
72.4421, 83.0365, 89.6283

Triad

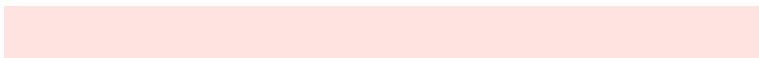
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4199, 83.0365, 80.5646



78.6494, 83.0365, 110.8839



84.9841, 83.0365, 81.8329

Complementary

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



73.4199, 83.0365, 80.5646



76.7827, 75.0187, 91.3261

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.



85.7808, 83.0365, 91.2015



73.4199, 83.0365, 80.5646



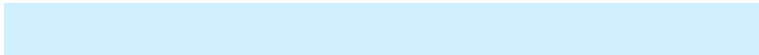
82.0603, 83.0365, 108.4218

Square

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



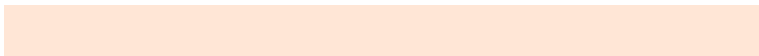
73.4199, 83.0365, 80.5646



75.4057, 83.0365, 107.5363



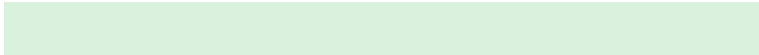
84.6959, 83.0365, 101.0322



82.5495, 83.0365, 75.2107

Rectangle

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



73.4199, 83.0365, 80.5646



72.7336, 83.0365, 96.3290



84.6959, 83.0365, 101.0322



85.4554, 83.0365, 84.7436

Sweetspot

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



73.4222, 83.0400, 80.5664



91.2386, 98.1568, 103.2274



79.4800, 86.2087, 78.7816



19.3161, 20.9068, 21.7776



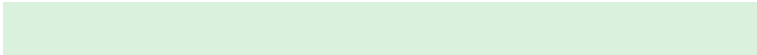
0.0000, 0.0000, 0.0000



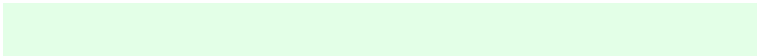
20.3446, 21.4041, 23.3091

Same Dimension

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



73.4222, 83.0400, 80.5664



81.7913, 93.5902, 89.0655



74.9629, 83.6563, 88.6798



15.6498, 17.6899, 17.1788



17.2218, 34.1807, 6.5511



1.4591, 2.8541, 0.6841

Inverse Universe

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



76.7827, 75.0187, 91.3261



86.1619, 83.1574, 103.0592



75.1895, 74.3814, 82.9368



16.3604, 15.9939, 19.4539



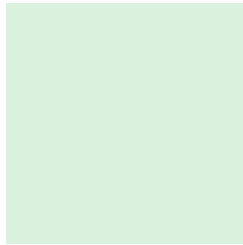
25.9864, 12.6670, 34.1748



2.1863, 1.0636, 2.9719

Previews

White Background



This preview shows how the XYZ color 73.4199, 83.0365, 80.5646 looks on a white background.

Color Contrast Check

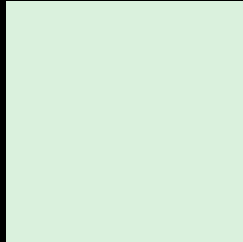
Large Text (above 18pt) WCAG AA × Fail

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 73.4199, 83.0365, 80.5646 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

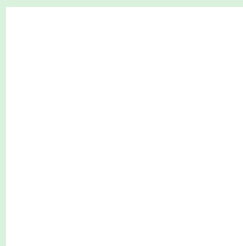
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4199, 83.0365, 80.5646

Background



This preview shows how black text looks on a background with the XYZ color 73.4199, 83.0365, 80.5646.



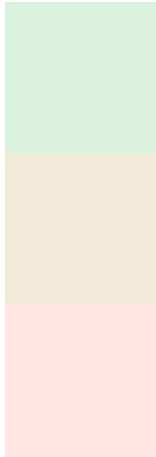
This preview shows how white text looks on a background with the XYZ color 73.4199, 83.0365,

80.5646.

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

73.4199, 83.0365, 80.5646

Protanopia

78.9094, 82.9101, 77.4899

Deuteranopia

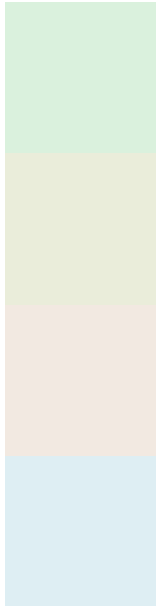
83.1244, 82.8447, 84.2825



Tritanopia

78.7859, 83.0582, 106.4871

Trichromacy



Original Color

73.4199, 83.0365, 80.5646

Protanomaly

76.8708, 83.1228, 78.3224

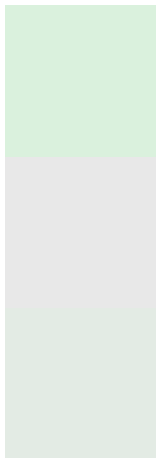
Deuteranomaly

79.3475, 82.5913, 82.9938

Tritanomaly

76.8764, 83.1497, 96.7917

Monochromacy



Original Color

73.4199, 83.0365, 80.5646

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.3905, 81.3490, 85.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4199, 83.0365, 80.5646 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(218, 241, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 221)  
}
```

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(218, 241, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.4199, 83.0365, 80.5646 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(218, 241, 221) }
```


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

```
.border{ border-color:rgb(218, 241, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4199, 83.0365, 80.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 221) }
```

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

```
.background{ background-color: rgb(218,  
241, 221) }
```

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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