

Converting Colors

XYZ(74.1736, 82.9670, 85.1192)

Have a look what the booklet for
XYZ(74.1736, 82.9670, 85.1192)
contains.

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Color

**XYZ(73.9387, 82.7717,
84.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0E3
RGB	218, 240, 227
RGB Percent	85%, 94%, 89%
CMY	0.1451, 0.0588, 0.1098
CMYK	0.09, 0.00, 0.05, 0.06
HSL	145°, 42%, 90%
HSV	145°, 9%, 94%
XYZ	73.9387, 82.7717, 84.7526
YIQ	231.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

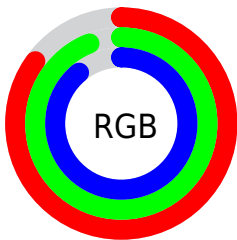
Format	Color
R _Y B	218, 234, 240
Decimal	14348515
CIE Lab	92.91, -9.61, 3.81
CIE LCh	93, 10.337, 158.387
Yxy	82.7717, 0.3062, 0.3428
Android (android.graphics.Color)	4292538595 (0xFFDAF0E3)
YUV	231.9400, -2.4354, -12.2254
Hunter-Lab	90.9790, -14.1460, 8.4529

Details

The XYZ color **73.9387, 82.7717, 84.7526** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.4334, 74.4397, 85.9978**, and the grayscale version is **76.6813, 80.6747, 87.8547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6911, 45.0461, 45.6325** is the 20% darker color. If you saturate the color by 10%, you get **65.3973, 78.5877, 74.5519**, and if you desaturate by 10%, it is **83.6853, 87.5630, 95.8551**.

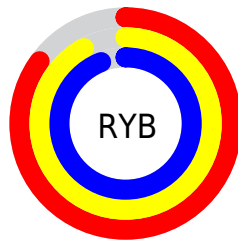
Distribution



Red (85%)

Green (94%)

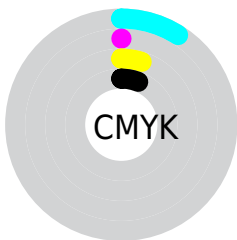
Blue (89%)



Red (85%)

Yellow (92%)

Blue (94%)

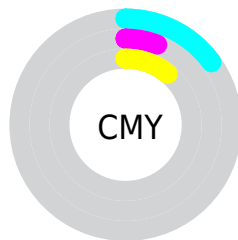


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9387, 82.7717, 84.7526 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 73.9387, 82.7717, 84.7526 by changing the saturation by 10% instead.

73.9387, 82.7717,
84.7526

73.9387, 82.7717,
84.7526

463.3154,
504.2253, 530.9323

55.0350, 62.0018,
63.0880

123.8049,
137.2557, 141.8986

39.6637, 45.0342,
45.4710

155.4980,
171.7385, 178.2170

27.4595, 31.4843,
31.4829

192.1850,
211.5612, 220.2572

18.0570, 20.9679,
20.7053

234.2313,
257.1081, 268.4375

11.0908, 13.1006,
12.7196

282.0020,
308.7635, 323.1767

6.1957, 7.4978,
7.1073

335.8628,

3.0062, 3.7753,

366.9120, 384.8932

3.4498

396.1787,
431.9378, 454.0056

■ 1.1571, 1.5487,
1.3287

■ 0.0721, 0.3226,
0.0851

■ 73.9387, 82.7717,
84.7526

■ 73.9387, 82.7717,
84.7526

■ 65.3973, 78.5877,
74.5519

■ 83.6853, 87.5630,
95.8551

■ 58.0058, 74.9760,
65.2250

■ 90.4517, 90.8034,
107.3672

■ 51.7148, 71.9140,
56.7505

■ 46.4686, 69.3733,
49.1039

■ 42.2064, 67.3231,
42.2595

■ 38.8605, 65.7291,
36.1903

■ 36.3545, 64.5525,
30.8678

■ 34.5983, 63.7472,
26.2611

■ 33.4555, 63.2438,
22.3358

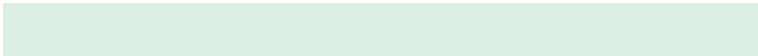
Harmonies

Analogous

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



75.4888, 82.7717, 78.9542



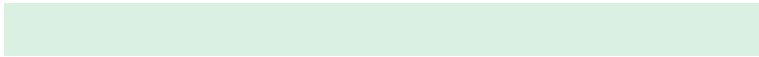
73.9387, 82.7717, 84.7526



73.6419, 82.7717, 92.3127

Triad

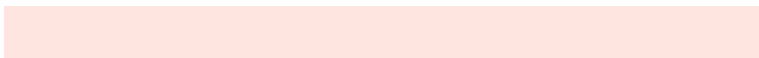
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9387, 82.7717, 84.7526



79.4325, 82.7717, 105.6652



82.8162, 82.7717, 81.1943

Complementary

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



73.9387, 82.7717, 84.7526



75.4334, 74.4397, 85.9978

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.



83.9262, 82.7717, 87.9707



73.9387, 82.7717, 84.7526



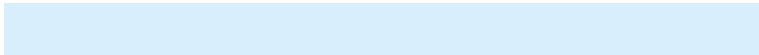
81.9435, 82.7717, 102.3012

Square

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



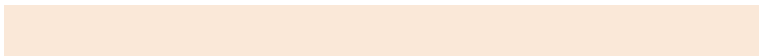
73.9387, 82.7717, 84.7526



76.7733, 82.7717, 104.6818



83.6032, 82.7717, 95.7183



80.6018, 82.7717, 76.9832

Rectangle

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



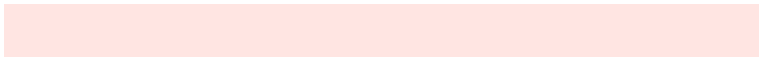
73.9387, 82.7717, 84.7526



74.1880, 82.7717, 97.3872



83.6032, 82.7717, 95.7183



83.3332, 82.7717, 83.2318

Sweetspot

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



73.9410, 82.7752, 84.7544



91.5719, 98.2901, 104.9823



76.8377, 84.4083, 78.5735



19.4058, 20.9426, 22.2499



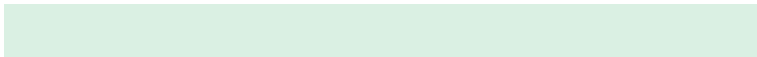
0.0000, 0.0000, 0.0000



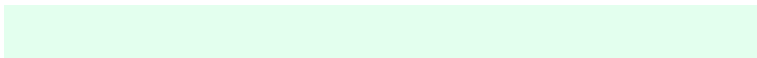
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9410, 82.7752, 84.7544



82.9177, 94.0407, 94.9967



75.4796, 83.3907, 92.8566



15.8339, 17.7636, 18.1483



18.3308, 34.6243, 12.3910



1.5731, 2.8997, 1.2846

Inverse Universe

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



75.4334, 74.4397, 85.9978



84.9528, 82.6738, 96.6919



73.9539, 73.8479, 78.2069



16.1648, 15.9156, 18.4240



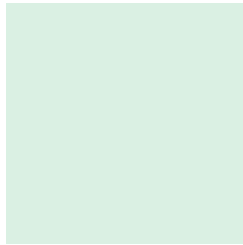
22.4051, 11.2345, 15.3158



1.9132, 0.9543, 1.5335

Previews

White Background



This preview shows how the XYZ color 73.9387, 82.7717, 84.7526 looks on a white background.

Color Contrast Check

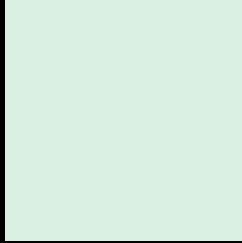
Large Text (above 18pt) WCAG AA × Fail

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 73.9387, 82.7717, 84.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

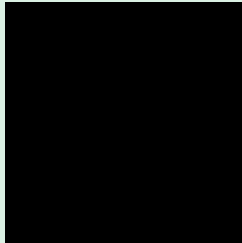
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

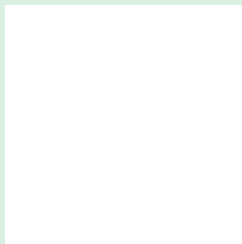
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9387, 82.7717, 84.7526

Background



This preview shows how black text looks on a background with the XYZ color 73.9387, 82.7717, 84.7526.



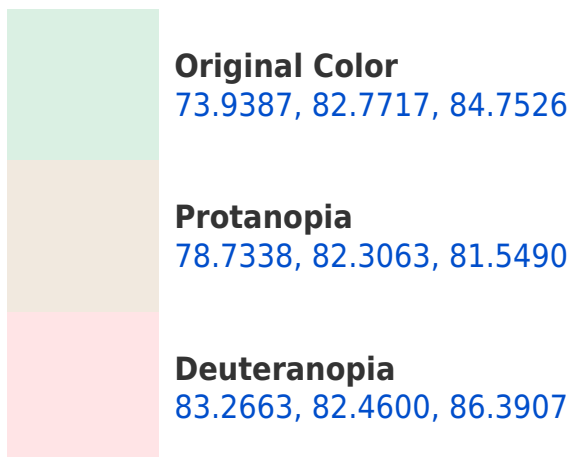
This preview shows how white text looks on a background with the XYZ color 73.9387, 82.7717,

84.7526.

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

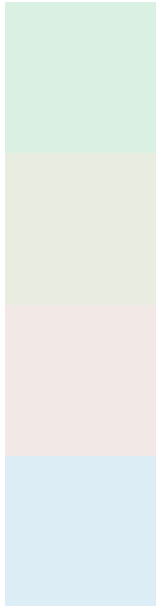




Tritanopia

78.4769, 82.8989, 106.4727

Trichromacy



Original Color

73.9387, 82.7717, 84.7526

Protanomaly

77.0543, 82.6964, 82.4218

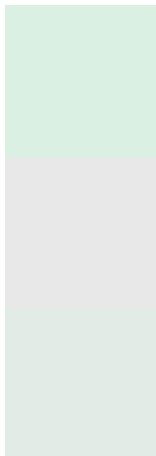
Deuteranomaly

79.6174, 82.2476, 85.8078

Tritanomaly

76.5844, 82.5331, 98.2803

Monochromacy



Original Color

73.9387, 82.7717, 84.7526

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6698, 81.4607, 86.5982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9387, 82.7717, 84.7526 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, 240, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 227)  
}
```

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, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 227) }
```

Border

The CSS property to change the border of an element to XYZ 73.9387, 82.7717, 84.7526 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, 240, 227) }
```


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

```
.border{ border-color:rgb(218, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9387, 82.7717, 84.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 227) }
```

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

```
.background{ background-color: rgb(218,  
240, 227) }
```

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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