

Converting Colors

XYZ(73.4896, 84.0120, 81.9555)

Have a look what the booklet for
XYZ(73.4896, 84.0120, 81.9555)
contains.

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Color

**XYZ(73.3942, 83.8760,
82.1334)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F3DF
RGB	215, 243, 223
RGB Percent	84%, 95%, 87%
CMY	0.1569, 0.0470, 0.1255
CMYK	0.12, 0.00, 0.08, 0.05
HSL	137°, 54%, 90%
HSV	137°, 12%, 95%
XYZ	73.3942, 83.8760, 82.1334
YIQ	232.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

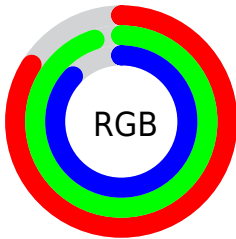
Format	Color
RYB	215, 237, 243
Decimal	14152671
CIELab	93.40, -12.82, 6.55
CIELCh	93, 14.399, 152.923
Yxy	83.8760, 0.3066, 0.3504
Android (android.graphics.Color)	4292342751 (0xFFD7F3DF)
YUV	232.3480, -4.6086, -15.2142
Hunter-Lab	91.5838, -17.2239, 10.9368

Details

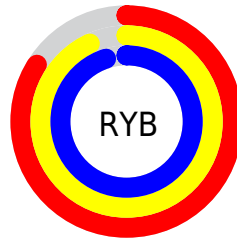
The XYZ color **73.3942, 83.8760, 82.1334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2610, 73.6558, 88.7988**, and the grayscale version is **77.0033, 81.0135, 88.2237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3354, 45.8414, 43.8209** is the 20% darker color. If you saturate the color by 10%, you get **64.5603, 79.5810, 70.1237**, and if you desaturate by 10%, it is **83.5326, 88.8205, 95.4602**.

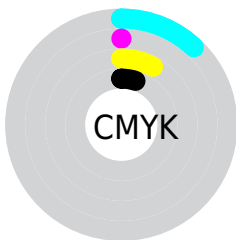
Distribution



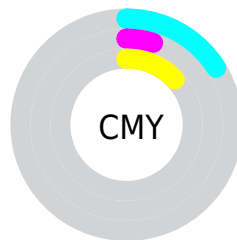
- Red (84%)
- Green (95%)
- Blue (87%)



- Red (84%)
- Yellow (93%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3942, 83.8760, 82.1334 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 73.3942, 83.8760, 82.1334 by changing the saturation by 10% instead.

73.3942, 83.8760,
82.1334

73.3942, 83.8760,
82.1334

461.4626,
507.9014, 521.9890

54.5879, 62.9131,
60.9390

123.0368,
138.8017, 138.1994

39.3044, 45.7709,
43.7457

154.6038,
173.5333, 173.9082

27.1784, 32.0651,
30.1349

191.1550,
213.6232, 215.2921

17.8445, 21.4112,
19.6881

233.0559,
259.4558, 262.7698

10.9374, 13.4249,
11.9867

280.6717,
311.4155, 316.7598

6.0918, 7.7218,
6.6122

334.3678,

2.9421, 3.9174,

369.8868, 377.6806

3.1460

394.5097,
435.2539, 445.9508

■ 1.1232, 1.6275,
1.1697

■ 0.0444, 0.3760,
0.0000

■ 73.3942, 83.8760,
82.1334

■ 73.3942, 83.8760,
82.1334

■ 64.5603, 79.5810,
70.1237

■ 83.5326, 88.8205,
95.4602

■ 56.9701, 75.8979,
59.3854

■ 91.3422, 92.5844,
107.6641

■ 50.5684, 72.8016,
49.8784

■ 45.2931, 70.2607,
41.5583

■ 41.0760, 68.2413,
34.3779

■ 37.8414, 66.7053,
28.2871

■ 35.5031, 65.6093,
23.2318

■ 33.9586, 64.9017,
19.1528

■ 33.1396, 64.5394,
16.4099

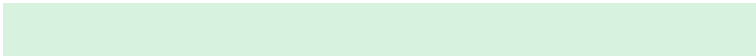
Harmonies

Analogous

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



75.8178, 83.8760, 74.8713



73.3942, 83.8760, 82.1334



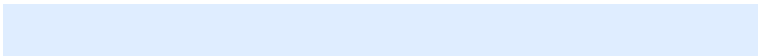
72.6482, 83.8760, 92.3976

Triad

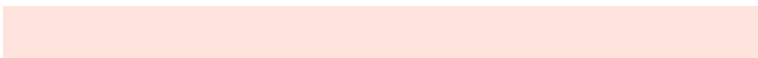
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3942, 83.8760, 82.1334



80.0947, 83.8760, 113.8478



86.0102, 83.8760, 80.4240

Complementary

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



73.3942, 83.8760, 82.1334



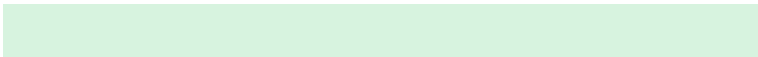
76.2610, 73.6558, 88.7988

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.



87.2398, 83.8760, 90.2642



73.3942, 83.8760, 82.1334



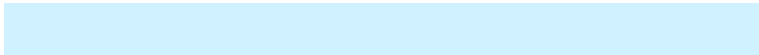
83.7572, 83.8760, 110.0320

Square

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



73.3942, 83.8760, 82.1334



76.4434, 83.8760, 111.2442



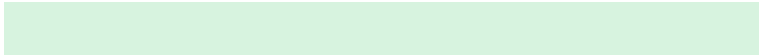
86.4026, 83.8760, 101.1816



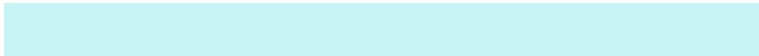
83.0922, 83.8760, 73.9409

Rectangle

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



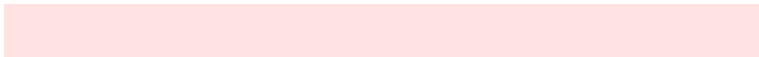
73.3942, 83.8760, 82.1334



73.1827, 83.8760, 99.7179



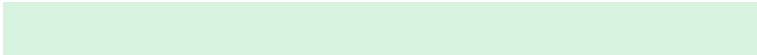
86.4026, 83.8760, 101.1816



86.6389, 83.8760, 83.4200

Sweetspot

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



73.3965, 83.8796, 82.1352



91.4239, 98.2309, 104.2029



78.6026, 86.6851, 76.8801



19.3660, 20.9267, 22.0400



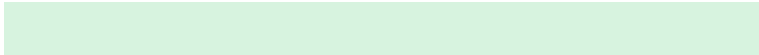
0.0000, 0.0000, 0.0000



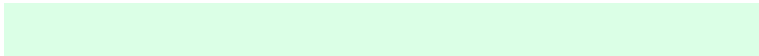
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3965, 83.8796, 82.1352



79.2764, 92.3117, 88.1341



75.3540, 84.6625, 92.4432



16.4768, 18.5499, 18.5294



18.2373, 35.4397, 9.2692



1.6453, 3.1318, 1.0381

Inverse Universe

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



76.2610, 73.6558, 88.7988



83.1009, 78.6601, 97.0302



74.3252, 72.8815, 78.6050



17.0000, 16.6828, 19.7464



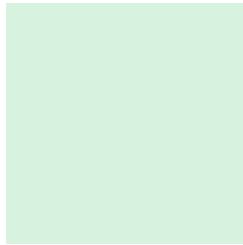
24.5177, 12.1505, 23.2326



2.1990, 1.0856, 2.2743

Previews

White Background



This preview shows how the XYZ color 73.3942, 83.8760, 82.1334 looks on a white background.

Color Contrast Check

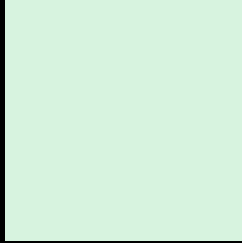
Large Text (above 18pt) WCAG AA × Fail

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 73.3942, 83.8760, 82.1334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

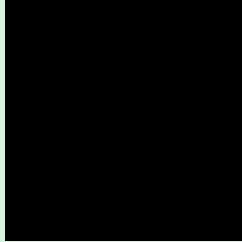
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

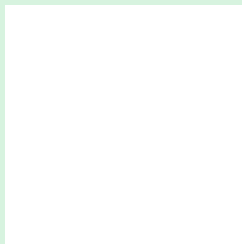
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3942, 83.8760, 82.1334

Background



This preview shows how black text looks on a background with the XYZ color 73.3942, 83.8760, 82.1334.



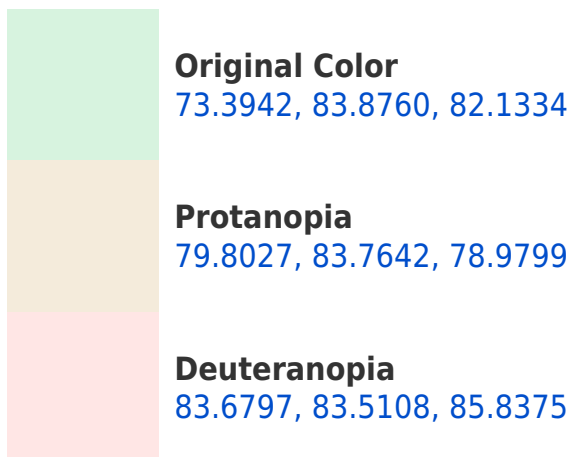
This preview shows how white text looks on a background with the XYZ color 73.3942, 83.8760,

82.1334.

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

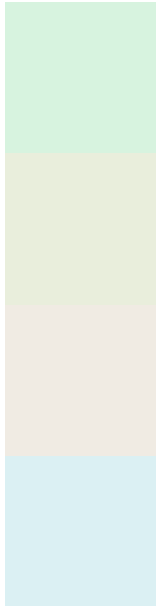




Tritanopia

78.7487, 83.8987, 106.6513

Trichromacy



Original Color

73.3942, 83.8760, 82.1334

Protanomaly

77.0971, 83.6400, 79.7908

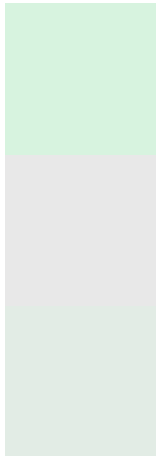
Deuteranomaly

79.5086, 83.4880, 84.5973

Tritanomaly

76.5512, 83.8513, 96.9443

Monochromacy



Original Color

73.3942, 83.8760, 82.1334

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5023, 81.8168, 85.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3942, 83.8760, 82.1334 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(215, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(215, 243, 223)  
}
```

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(215, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 243, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.3942, 83.8760, 82.1334 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(215, 243, 223) }
```


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

```
.border{ border-color:rgb(215, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(215, 243,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3942, 83.8760, 82.1334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 243, 223) }
```

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

```
.background{ background-color: rgb(215,  
243, 223) }
```

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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