

Converting Colors

XYZ(73.8844, 82.4971, 93.1322)

Have a look what the booklet for
XYZ(73.8844, 82.4971, 93.1322)
contains.

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Color

**XYZ(73.7441, 82.4903,
92.9244)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F0EE
RGB	212, 240, 238
RGB Percent	83%, 94%, 93%
CMY	0.1686, 0.0588, 0.0667
CMYK	0.12, 0.00, 0.01, 0.06
HSL	176°, 48%, 89%
HSV	176°, 12%, 94%
XYZ	73.7441, 82.4903, 92.9244
YIQ	231.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

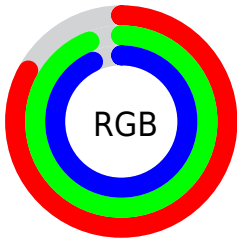
Format	Color
R _{YB}	212, 227, 240
Decimal	13955310
CIE Lab	92.79, -9.48, -2.14
CIE LCh	93, 9.720, 192.707
Yxy	82.4903, 0.2960, 0.3311
Android (android.graphics.Color)	4292145390 (0xFFD4F0EE)
YUV	231.4000, 3.2538, -17.0138
Hunter-Lab	90.8242, -14.0104, 2.9159

Details

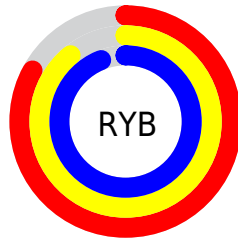
The XYZ color **73.7441, 82.4903, 92.9244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.6193, 70.4695, 73.4493**, and the grayscale version is **76.2406, 80.2111, 87.3499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4886, 44.8265, 50.8271** is the 20% darker color. If you saturate the color by 10%, you get **67.0827, 79.0875, 91.3035**, and if you desaturate by 10%, it is **81.4410, 86.4311, 94.6097**.

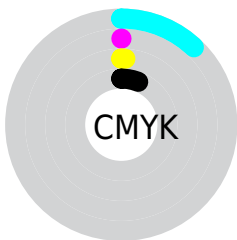
Distribution



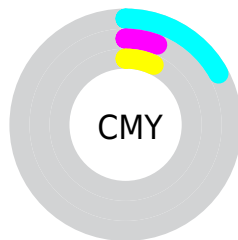
- Red (83%)
- Green (94%)
- Blue (93%)



- Red (83%)
- Yellow (89%)
- Blue (94%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (17%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7441, 82.4903, 92.9244 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 73.7441, 82.4903, 92.9244 by changing the saturation by 10% instead.

73.7441, 82.4903,
92.9244

73.7441, 82.4903,
92.9244

462.6537,
503.2862, 558.3123

54.8752, 61.7698,
69.8214

123.5304,
136.8614, 153.3647

39.5352, 44.8467,
50.9050

155.1785,
171.2807, 191.5391

27.3589, 31.3367,
35.7568

191.8171,
211.0350, 235.5744

17.9810, 20.8554,
23.9582

233.8114,
256.5088, 285.8890

11.0359, 13.0183,
15.0907

281.5269,
308.0864, 342.9016

6.1585, 7.4412,
8.7358

335.3288,

2.9833, 3.7395,

366.1523, 407.0306

4.4748

395.5826,
431.0908, 478.6947

■ 1.1449, 1.5289,
1.8893

■ 0.0622, 0.3090,
0.4859

■ 73.7441, 82.4903,
92.9244

■ 73.7441, 82.4903,
92.9244

■ 67.0827, 79.0875,
91.3035

■ 81.4410, 86.4311,
94.6097

■ 61.4046, 76.1890,
89.7395

■ 88.3440, 89.9602,
96.2688

■ 56.6635, 73.7734,
88.2318

■ 88.6024, 90.0636,
97.6295

■ 52.8067, 71.8133,
86.7779

■ 88.8633, 90.1679,
99.0030

■ 49.7762, 70.2789,
85.3752

■ 89.1265, 90.2732,
100.3894

■ 47.5072, 69.1369,
84.0205

■ 89.3922, 90.3795,
101.7885

■ 45.9252, 68.3487,
82.7102

■ 89.6604, 90.4868,
103.2006

■ 44.9405, 67.8681,
81.4403

■ 89.9310, 90.5950,
104.6255

■ 44.4585, 67.6420,
80.4074

■ 90.2040, 90.7042,
106.0634

Harmonies

Analogous

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



73.8411, 82.4903, 85.7310



73.7441, 82.4903, 92.9244



74.8763, 82.4903, 99.6249

Triad

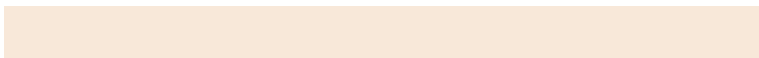
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7441, 82.4903, 92.9244



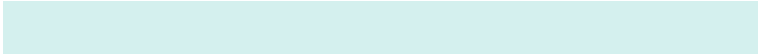
81.7580, 82.4903, 100.4738



79.8627, 82.4903, 77.1350

Complementary

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



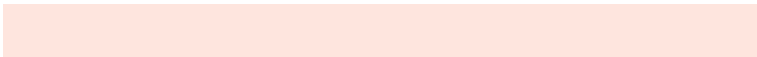
73.7441, 82.4903, 92.9244



71.6193, 70.4695, 73.4493

Split Complementary

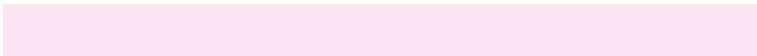
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0420, 82.4903, 80.6766



73.7441, 82.4903, 92.9244



83.1523, 82.4903, 94.0327

Square

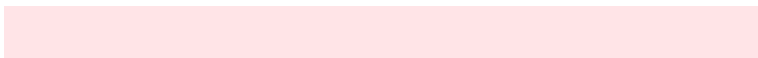
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7441, 82.4903, 92.9244



79.4819, 82.4903, 104.1388



83.2573, 82.4903, 86.7814



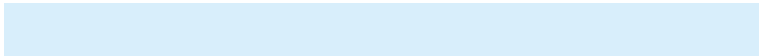
77.3370, 82.4903, 76.8741

Rectangle

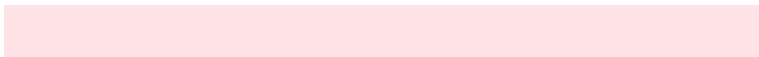
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



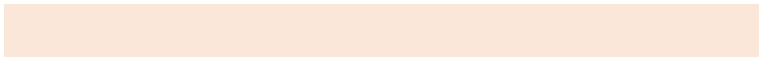
73.7441, 82.4903, 92.9244



76.1902, 82.4903, 102.8064



83.2573, 82.4903, 86.7814



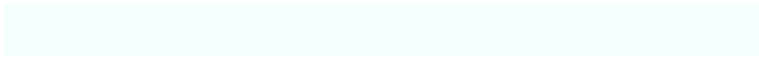
80.6614, 82.4903, 77.9722

Sweetspot

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



73.7465, 82.4938, 92.9262



91.2792, 98.0696, 108.1114



70.8752, 81.4235, 74.2695



19.3904, 20.9157, 23.1088



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.



73.7465, 82.4938, 92.9262



82.7052, 93.6832, 106.1899



70.7172, 75.9615, 93.3770



16.1957, 17.9083, 20.0534



24.3572, 37.0349, 44.1254



2.0408, 3.0868, 3.7472

Inverse Universe

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



71.6193, 70.4695, 73.4493



79.8151, 77.3458, 79.7274



74.3879, 76.4139, 73.1174



15.8187, 15.7772, 16.6014



19.7450, 10.1704, 1.3078



1.6585, 0.8524, 0.1924

Previews

White Background



This preview shows how the XYZ color 73.7441, 82.4903, 92.9244 looks on a white background.

Color Contrast Check

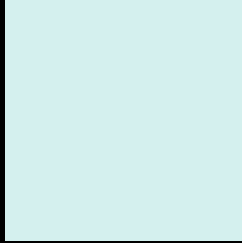
Large Text (above 18pt) WCAG AA × Fail

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 73.7441, 82.4903, 92.9244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

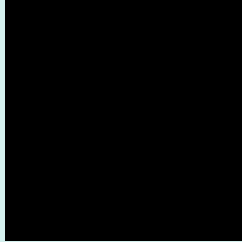
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

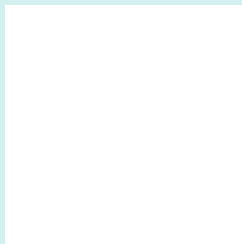
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7441, 82.4903, 92.9244

Background



This preview shows how black text looks on a background with the XYZ color 73.7441, 82.4903, 92.9244.



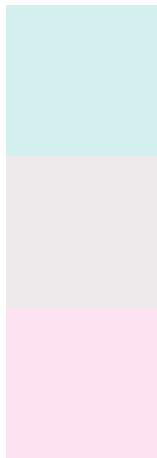
This preview shows how white text looks on a background with the XYZ color 73.7441, 82.4903,

92.9244.

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

73.7441, 82.4903, 92.9244

Protanopia

79.2501, 82.3955, 89.5689

Deuteranopia

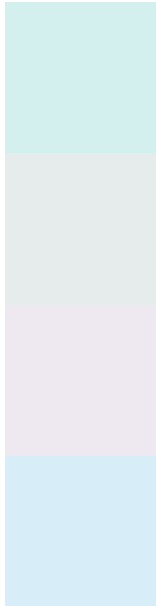
83.8543, 82.1717, 94.6602



Tritanopia

76.6531, 82.3873, 106.4700

Trichromacy



Original Color

73.7441, 82.4903, 92.9244

Protanomaly

77.3039, 82.6471, 90.4754

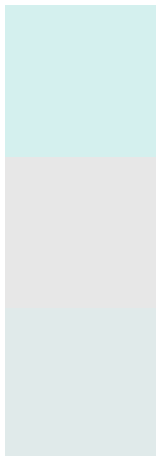
Deuteranomaly

79.8447, 82.1816, 94.0925

Tritanomaly

75.6978, 82.4357, 101.5445

Monochromacy



Original Color

73.7441, 82.4903, 92.9244

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.0146, 80.6334, 89.4520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7441, 82.4903, 92.9244 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(212, 240, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 240, 238)  
}
```

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(212, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 73.7441, 82.4903, 92.9244 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(212, 240, 238) }
```


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

```
.border{ border-color:rgb(212, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7441, 82.4903, 92.9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 240, 238) }
```

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

```
.background{ background-color: rgb(212,  
240, 238) }
```

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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