

Converting Colors

XYZ(71.3927, 79.2645, 85.2653)

Have a look what the booklet for
XYZ(71.3927, 79.2645, 85.2653)
contains.

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Color

**XYZ(71.4435, 79.3142,
84.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EBE4
RGB	214, 235, 228
RGB Percent	84%, 92%, 89%
CMY	0.1608, 0.0784, 0.1059
CMYK	0.09, 0.00, 0.03, 0.08
HSL	160°, 34%, 88%
HSV	160°, 9%, 92%
XYZ	71.4435, 79.3142, 84.9425
YIQ	227.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

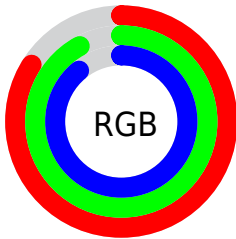
Format	Color
R_{YB}	214, 227, 235
Decimal	14085092
CIE _{Lab}	91.38, -8.21, 1.02
CIE _{LCh}	91, 8.276, 172.932
Yxy	79.3142, 0.3031, 0.3365
Android (android.graphics.Color)	4292275172 (0xFFD6EBE4)
YUV	227.9230, 0.0380, -12.2105
Hunter-Lab	89.0585, -12.6582, 5.7912

Details

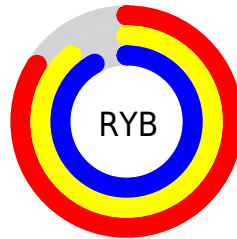
The XYZ color **71.4435, 79.3142, 84.9425** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.3616, 70.9779, 78.3493**, and the grayscale version is **73.6935, 77.5313, 84.4316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9610, 42.6283, 45.7625** is the 20% darker color. If you saturate the color by 10%, you get **64.0107, 75.6075, 79.0452**, and if you desaturate by 10%, it is **79.9196, 83.5574, 91.1494**.

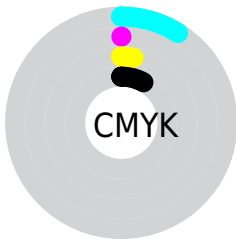
Distribution



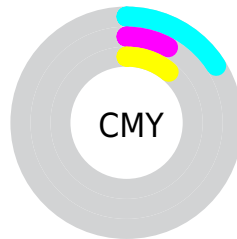
- Red (84%)
- Green (92%)
- Blue (89%)



- Red (84%)
- Yellow (89%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4435, 79.3142, 84.9425 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 71.4435, 79.3142, 84.9425 by changing the saturation by 10% instead.

71.4435, 79.3142,
84.9425

71.4435, 79.3142,
84.9425

454.7901,
492.6186, 531.5774

52.9880, 59.1542,
63.2440

120.2801,
132.4011, 142.1663

38.0207, 42.7372,
45.5964

151.3919,
166.0968, 178.5286

26.1760, 29.6790,
31.5811

187.4533,
205.0731, 220.6160

17.0887, 19.5951,
20.7795

228.8295,
249.7145, 268.8470

10.3935, 12.1010,
12.7733

275.8859,
300.4054, 323.6401

5.7249, 6.8125,
7.1437

328.9879,

2.7176, 3.3451,

357.5301, 385.4138

3.4723

388.5008,
421.4730, 454.5867

■ 1.0062, 1.3145,
1.3406

■ 0.0000, 0.1524,
0.0947

■ 71.4435, 79.3142,
84.9425

■ 71.4435, 79.3142,
84.9425

■ 64.0107, 75.6075,
79.0452

■ 79.9196, 83.5574,
91.1494

■ 57.5716, 72.4053,
73.4467

■ 87.2295, 87.1915,
97.5608

■ 52.0827, 69.6873,
68.1434

■ 88.4429, 87.6768,
103.9508

■ 47.4943, 67.4282,
63.1293

■ 88.9998, 87.8996,
106.8833

■ 43.7523, 65.5999,
58.3984

■ 40.7963, 64.1716,
53.9441

■ 38.5578, 63.1079,
49.7595

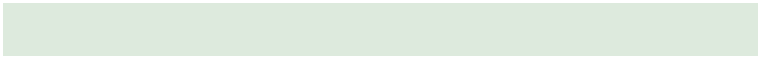
■ 36.9558, 62.3672,
45.8370

■ 35.8676, 61.8863,
42.1668

Harmonies

Analogous

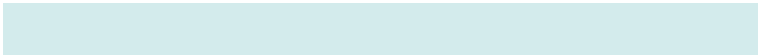
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2050, 79.3142, 79.5654



71.4435, 79.3142, 84.9425



71.7226, 79.3142, 90.9512

Triad

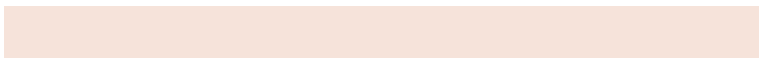
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4435, 79.3142, 84.9425



76.9724, 79.3142, 97.4706



77.8496, 79.3142, 77.4446

Complementary

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



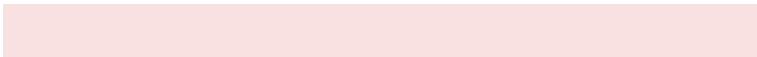
71.4435, 79.3142, 84.9425



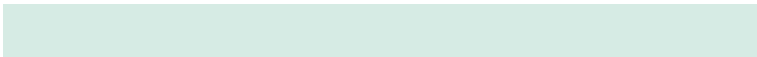
71.3616, 70.9779, 78.3493

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.



79.1716, 79.3142, 81.9254



71.4435, 79.3142, 84.9425



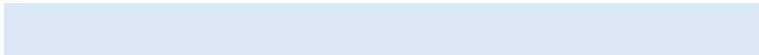
78.6586, 79.3142, 93.5301

Square

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



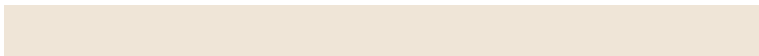
71.4435, 79.3142, 84.9425



74.8893, 79.3142, 98.3702



79.4705, 79.3142, 87.7925



75.8844, 79.3142, 75.3689

Rectangle

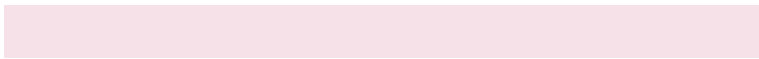
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



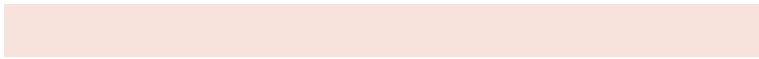
71.4435, 79.3142, 84.9425



72.4637, 79.3142, 94.4905



79.4705, 79.3142, 87.7925



78.3854, 79.3142, 78.7092

Sweetspot

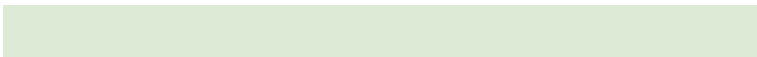
The Sweet Spot groups the original color and five complimentary colors.



71.4457, 79.3176, 84.9443



91.8833, 98.4146, 106.6222



71.7741, 79.7024, 75.2208



19.4899, 20.9762, 22.6925



0.0000, 0.0000, 0.0000



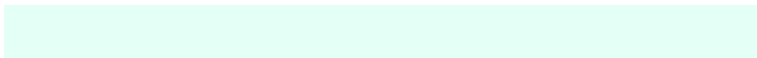
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4457, 79.3176, 84.9443



84.0032, 94.4749, 100.7129



71.5440, 77.9263, 89.8716



15.2918, 17.0315, 18.2192



19.9656, 34.4407, 23.5818



1.6121, 2.7222, 2.0851

Inverse Universe

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



71.3616, 70.9779, 78.3493



83.8798, 82.2446, 91.0418



71.2526, 72.2225, 73.8045



15.2726, 15.1369, 16.7210



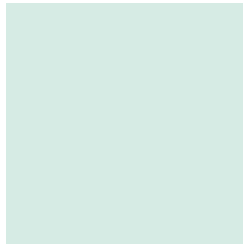
19.8932, 10.1600, 5.2391



1.6053, 0.8151, 0.6388

Previews

White Background



This preview shows how the XYZ color 71.4435, 79.3142, 84.9425 looks on a white background.

Color Contrast Check

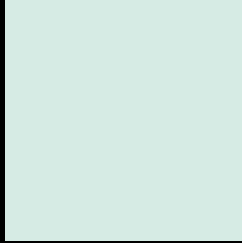
Large Text (above 18pt) WCAG AA × Fail

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 71.4435, 79.3142, 84.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

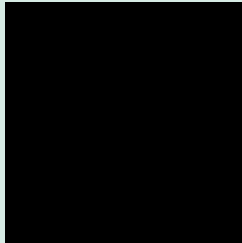
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

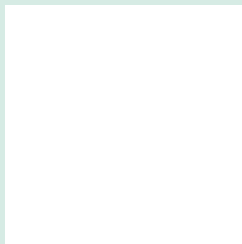
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4435, 79.3142, 84.9425

Background



This preview shows how black text looks on a background with the XYZ color 71.4435, 79.3142, 84.9425.



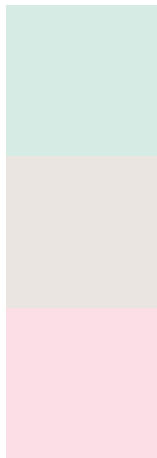
This preview shows how white text looks on a background with the XYZ color 71.4435, 79.3142,

84.9425.

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

71.4435, 79.3142, 84.9425

Protanopia

75.8709, 79.1370, 82.5103

Deuteranopia

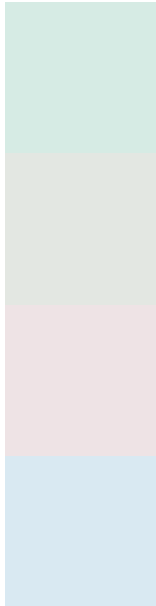
80.8155, 79.1840, 85.8875



Tritanopia

75.0254, 79.5208, 101.8373

Trichromacy



Original Color

71.4435, 79.3142, 84.9425

Protanomaly

73.9819, 78.9737, 83.2957

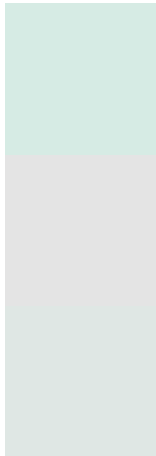
Deuteranomaly

76.8718, 78.7725, 85.2818

Tritanomaly

73.7812, 79.4403, 95.4492

Monochromacy



Original Color

71.4435, 79.3142, 84.9425

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0109, 78.4412, 84.6914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4435, 79.3142, 84.9425 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(214, 235, 228) looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 228)  
}
```

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(214, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.4435, 79.3142, 84.9425 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(214, 235, 228) }
```


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

```
.border{ border-color:rgb(214, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4435, 79.3142, 84.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 228) }
```

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

```
.background{ background-color: rgb(214,  
235, 228) }
```

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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