

Converting Colors

XYZ(73.2927, 84.0557, 86.5557)

Have a look what the booklet for
XYZ(73.2927, 84.0557, 86.5557)
contains.

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Color

**XYZ(73.3575, 84.2074,
86.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F4E5
RGB	211, 244, 229
RGB Percent	83%, 96%, 90%
CMY	0.1725, 0.0431, 0.1020
CMYK	0.14, 0.00, 0.06, 0.04
HSL	153°, 60%, 89%
HSV	153°, 14%, 96%
XYZ	73.3575, 84.2074, 86.5160
YIQ	232.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

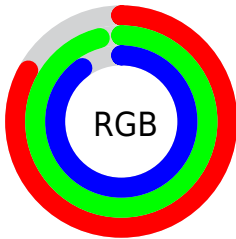
Format	Color
R _Y B	211, 232, 244
Decimal	13890789
CIE Lab	93.54, -13.52, 3.62
CIE LCh	94, 13.994, 165.008
Yxy	84.2074, 0.3005, 0.3450
Android (android.graphics.Color)	4292080869 (0xFFD3F4E5)
YUV	232.4230, -1.6875, -18.7880
Hunter-Lab	91.7646, -17.8934, 8.3364

Details

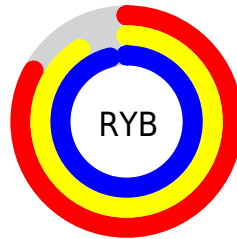
The XYZ color **73.3575, 84.2074, 86.5160** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.3330, 71.3148, 81.8027**, and the grayscale version is **77.0408, 81.0530, 88.2667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3335, 46.0904, 46.8676** is the 20% darker color. If you saturate the color by 10%, you get **65.3914, 80.2763, 78.3157**, and if you desaturate by 10%, it is **82.4884, 88.7322, 95.2910**.

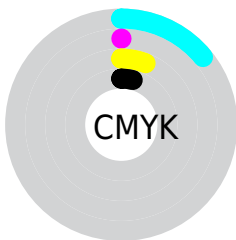
Distribution



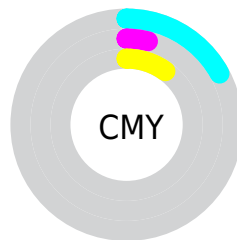
- Red (83%)
- Green (96%)
- Blue (90%)



- Red (83%)
- Yellow (91%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)




- Cyan (17%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3575, 84.2074, 86.5160 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 73.3575, 84.2074, 86.5160 by changing the saturation by 10% instead.


 73.3575, 84.2074,
86.5160

 73.3575, 84.2074,
86.5160


461.3375,
509.0017, 536.9060

 54.5578, 63.1867,
64.5374


122.9850,
139.2653, 144.3822

 39.2802, 45.9923,
46.6371


154.5435,
174.0712, 181.1070

 27.1595, 32.2397,
32.3966


191.0855,
214.2410, 223.5842

 17.8302, 21.5447,
21.3973

232.9766,
260.1590, 272.2324

 10.9271, 13.5227,
13.2206

280.5819,
312.2097, 327.4701

 6.0848, 7.7895,
7.4481

334.2670,

 2.9379, 3.9605,

370.7775, 389.7159

3.6612

394.3971,
436.2467, 459.3884

■ 1.1210, 1.6515,
1.4414

■ 0.0426, 0.3920,
0.1737

■ 73.3575, 84.2074,
86.5160

■ 73.3575, 84.2074,
86.5160

■ 65.3914, 80.2763,
78.3157

■ 82.4884, 88.7322,
95.2910

■ 58.5334, 76.9030,
70.6727

■ 91.0344, 92.9414,
104.5628

■ 52.7329, 74.0638,
63.5763

■ 91.6423, 93.1846,
107.7641

■ 47.9319, 71.7291,
57.0139

■ 44.0671, 69.8664,
50.9720

■ 41.0671, 68.4392,
45.4363

■ 38.8497, 67.4055,
40.3918

■ 37.3154, 66.7141,
35.8223

■ 36.5914, 66.4002,
33.1069

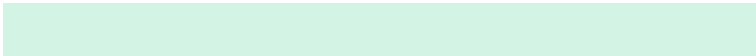
Harmonies

Analogous

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



75.1087, 84.2074, 78.0202



73.3575, 84.2074, 86.5160



73.3580, 84.2074, 97.0672

Triad

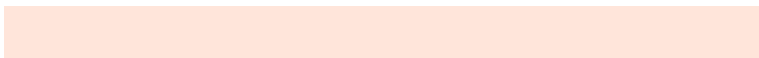
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3575, 84.2074, 86.5160



81.8936, 84.2074, 112.8151



85.1740, 84.2074, 78.0164

Complementary

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



73.3575, 84.2074, 86.5160



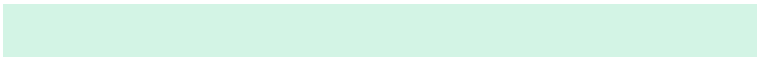
74.3330, 71.3148, 81.8027

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.



87.1087, 84.2074, 86.5105



73.3575, 84.2074, 86.5160



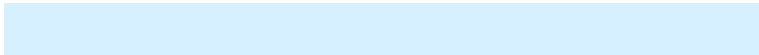
85.1755, 84.2074, 106.8645

Square

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



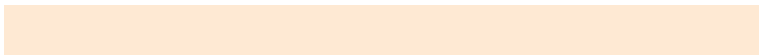
73.3575, 84.2074, 86.5160



78.2099, 84.2074, 112.8169



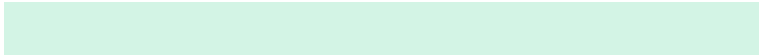
87.1093, 84.2074, 97.0612



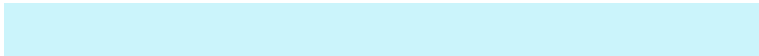
81.8916, 84.2074, 73.3762

Rectangle

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



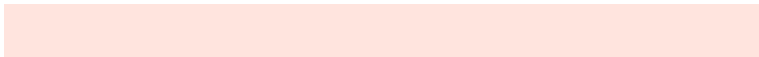
73.3575, 84.2074, 86.5160



74.3483, 84.2074, 103.8837



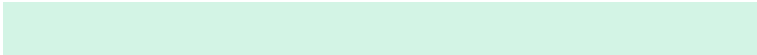
87.1093, 84.2074, 97.0612



86.0079, 84.2074, 80.4854

Sweetspot

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



73.3599, 84.2109, 86.5179



90.6588, 97.8214, 104.8444



75.6011, 85.6418, 74.1751



19.2331, 20.8527, 22.2802



0.0000, 0.0000, 0.0000



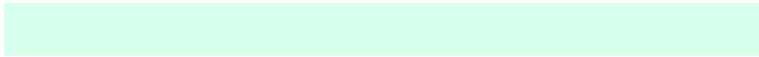
20.3446, 21.4041, 23.3091

Same Dimension

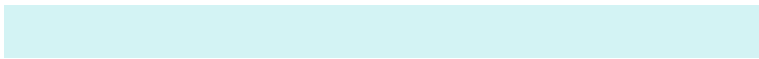
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3599, 84.2109, 86.5179



78.7561, 91.9287, 93.2948



75.2166, 84.4256, 97.9236



16.6603, 18.6233, 19.4956



19.9653, 36.1310, 18.3690



1.8066, 3.1963, 1.8873

Inverse Universe

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



74.3330, 71.3148, 81.8027



80.0092, 75.3232, 87.2240



72.6371, 71.0752, 71.5197



16.8124, 16.6078, 18.7586



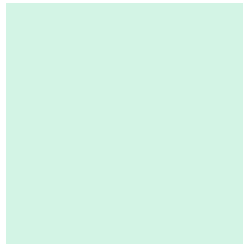
21.9110, 11.1078, 9.5056



1.9769, 0.9967, 1.1048

Previews

White Background



This preview shows how the XYZ color 73.3575, 84.2074, 86.5160 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 73.3575, 84.2074, 86.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

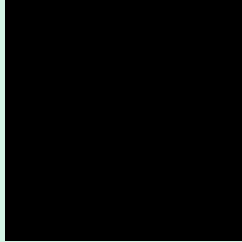
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

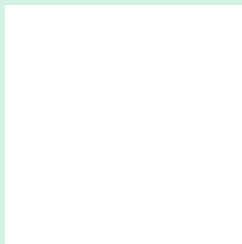
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3575, 84.2074, 86.5160

Background



This preview shows how black text looks on a background with the XYZ color 73.3575, 84.2074, 86.5160.



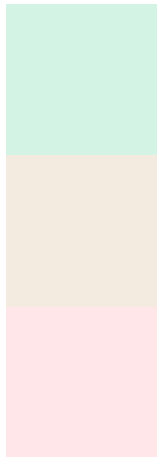
This preview shows how white text looks on a background with the XYZ color 73.3575, 84.2074,

86.5160.

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

73.3575, 84.2074, 86.5160

Protanopia

80.1250, 83.8532, 82.4832

Deuteranopia

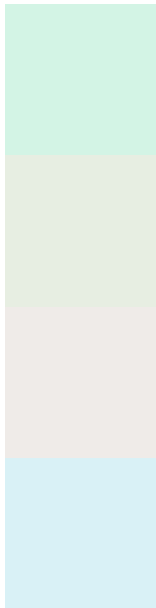
84.2448, 83.7368, 88.8134



Tritanopia

78.4317, 84.1686, 106.7201

Trichromacy



Original Color

73.3575, 84.2074, 86.5160

Protanomaly

77.2570, 83.6290, 84.0216

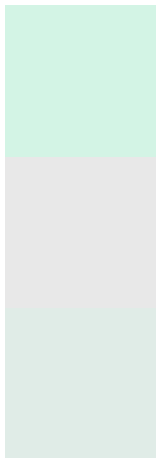
Deuteranomaly

79.8704, 83.5936, 88.2695

Tritanomaly

76.7051, 84.3161, 99.4206

Monochromacy



Original Color

73.3575, 84.2074, 86.5160

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.1597, 81.6077, 87.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3575, 84.2074, 86.5160 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(211, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 244, 229)  
}
```

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(211, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 244, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.3575, 84.2074, 86.5160 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(211, 244, 229) }
```


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

```
.border{ border-color:rgb(211, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 244,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3575, 84.2074, 86.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 244, 229) }
```

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

```
.background{ background-color: rgb(211,  
244, 229) }
```

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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