

Converting Colors

XYZ(75.1165, 88.5069, 86.3557)

Have a look what the booklet for
XYZ(75.1165, 88.5069, 86.3557)
contains.

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Color

**XYZ(75.0791, 88.2974,
86.4848)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FBE4
RGB	210, 251, 228
RGB Percent	82%, 98%, 89%
CMY	0.1765, 0.0157, 0.1059
CMYK	0.16, 0.00, 0.09, 0.02
HSL	146°, 84%, 90%
HSV	146°, 16%, 98%
XYZ	75.0791, 88.2974, 86.4848
YIQ	236.1190, -17.0530, -15.8450

Conversions

Conversions Part 2

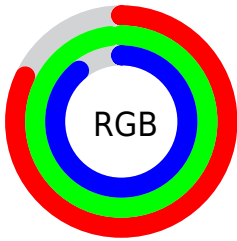
Format	Color
R _{YB}	210, 238, 251
Decimal	13827044
CIE Lab	95.29, -17.48, 6.65
CIE LCh	95, 18.704, 159.168
Yxy	88.2974, 0.3005, 0.3534
Android (android.graphics.Color)	4292017124 (0xFFD2FBE4)
YUV	236.1190, -4.0027, -22.9064
Hunter-Lab	93.9667, -21.8208, 11.2075

Details

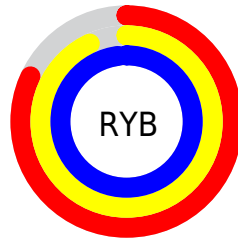
The XYZ color **75.0791, 88.2974, 86.4848** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.5413, 72.4878, 86.9994**, and the grayscale version is **79.8610, 84.0200, 91.4978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3522, 48.5693, 46.7832** is the 20% darker color. If you saturate the color by 10%, you get **66.6100, 84.1506, 76.2969**, and if you desaturate by 10%, it is **84.8332, 93.0931, 97.5678**.

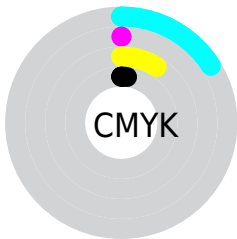
Distribution



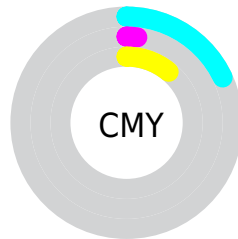
- Red (82%)
- Green (98%)
- Blue (89%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0791, 88.2974, 86.4848 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 75.0791, 88.2974, 86.4848 by changing the saturation by 10% instead.

75.0791, 88.2974,
86.4848

75.0791, 88.2974,
86.4848

467.1824,
522.4767, 536.8006

55.9721, 66.5694,
64.5117

125.4116,
144.9711, 144.3383

40.4175, 48.7348,
46.6165

157.3679,
180.6856, 181.0559

28.0498, 34.4091,
32.3804

194.3379,
221.8311, 223.5254

18.5039, 23.2081,
21.3850

236.6871,
268.7919, 272.1654

11.4142, 14.7472,
13.2117

284.7808,
321.9525, 327.3943

6.4155, 8.6422,
7.4421

338.9843,

3.1424, 4.5085,

381.6972, 389.6308

3.6575

399.6631,
448.4105, 459.2934

■ 1.2295, 1.9619,
1.4394

■ 0.1295, 0.5852,
0.1721

■ 75.0791, 88.2974,
86.4848

■ 75.0791, 88.2974,
86.4848

■ 66.6100, 84.1506,
76.2969

■ 84.8332, 93.0931,
97.5678

■ 59.3627, 80.6133,
66.9759

■ 93.7888, 97.4777,
108.4796

■ 53.2794, 77.6586,
58.5004

■ 48.2948, 75.2531,
50.8462

■ 44.3364, 73.3602,
43.9877

■ 41.3230, 71.9384,
37.8979

■ 39.1595, 70.9393,
32.5478

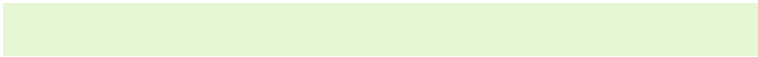
■ 37.7286, 70.3029,
27.9063

■ 37.3236, 70.1276,
26.3745

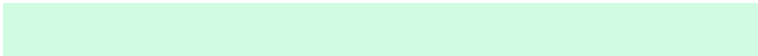
Harmonies

Analogous

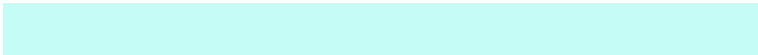
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8751, 88.2974, 75.9490



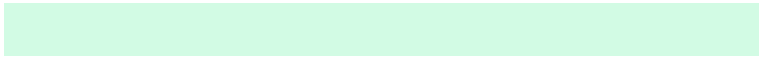
75.0791, 88.2974, 86.4848



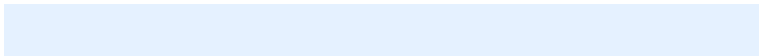
74.6007, 88.2974, 100.6903

Triad

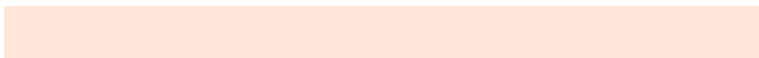
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0791, 88.2974, 86.4848



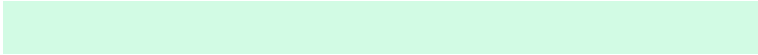
85.4979, 88.2974, 126.6537



91.7676, 88.2974, 79.4543

Complementary

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



75.0791, 88.2974, 86.4848



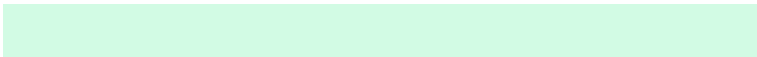
77.5413, 72.4878, 86.9994

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.



93.9935, 88.2974, 91.7306



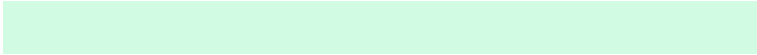
75.0791, 88.2974, 86.4848



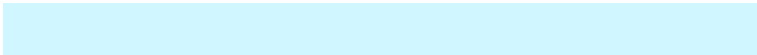
90.2783, 88.2974, 119.6274

Square

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



75.0791, 88.2974, 86.4848



80.4810, 88.2974, 124.8848



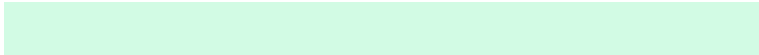
93.4377, 88.2974, 106.4902



87.4639, 88.2974, 72.1850

Rectangle

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



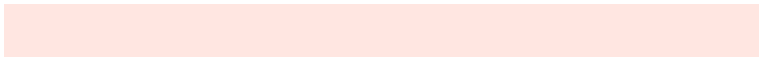
75.0791, 88.2974, 86.4848



75.6404, 88.2974, 110.5046



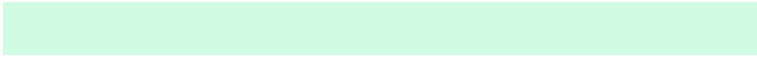
93.4377, 88.2974, 106.4902



92.7914, 88.2974, 83.0791

Sweetspot

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



75.0816, 88.3011, 86.4868



89.3834, 97.2093, 102.7349



79.8137, 91.0145, 74.3349



18.9673, 20.7259, 21.8081



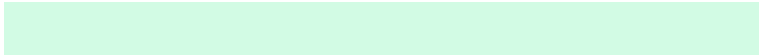
0.0000, 0.0000, 0.0000



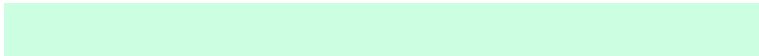
20.3446, 21.4041, 23.3091

Same Dimension

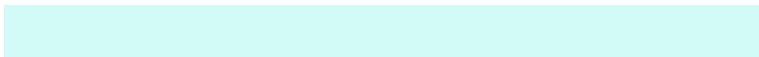
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0816, 88.3011, 86.4868



74.4427, 89.8697, 85.6543



78.0632, 89.4938, 102.1878



17.3339, 19.4358, 19.9588



19.6882, 36.8883, 14.2332



1.8757, 3.4374, 1.5934

Inverse Universe

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



77.5413, 72.4878, 86.9994



77.4854, 70.3067, 86.2868



74.8093, 71.3950, 72.6126



17.6524, 17.3883, 20.0254



23.5063, 11.8182, 14.6405



2.2304, 1.1159, 1.6366

Previews

White Background



This preview shows how the XYZ color 75.0791, 88.2974, 86.4848 looks on a white background.

Color Contrast Check

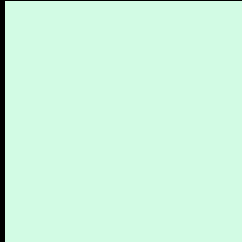
Large Text (above 18pt) WCAG AA × Fail

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 75.0791, 88.2974, 86.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

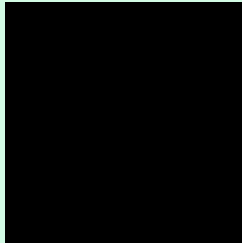
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

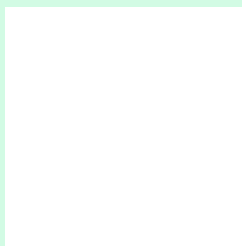
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0791, 88.2974, 86.4848

Background



This preview shows how black text looks on a background with the XYZ color 75.0791, 88.2974, 86.4848.



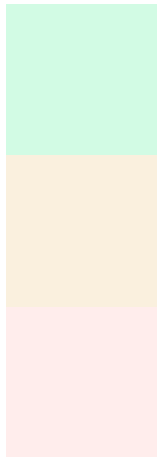
This preview shows how white text looks on a background with the XYZ color 75.0791, 88.2974,

86.4848.

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

75.0791, 88.2974, 86.4848

Protanopia

83.7692, 87.9181, 81.6620

Deuteranopia

86.6645, 87.8845, 91.7526



Tritanopia

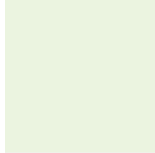
82.3956, 88.4153, 107.3309

Trichromacy



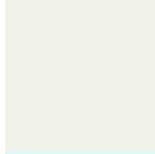
Original Color

75.0791, 88.2974, 86.4848



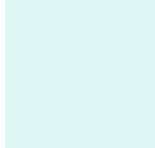
Protanomaly

80.0662, 87.7454, 83.2376



Deuteranomaly

82.0567, 87.7382, 89.7011



Tritanomaly

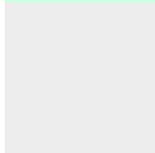
79.5610, 88.4863, 99.2724

Monochromacy



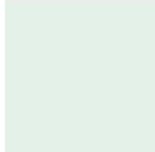
Original Color

75.0791, 88.2974, 86.4848



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.8418, 85.1247, 89.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0791, 88.2974, 86.4848 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(210, 251, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 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(210, 251, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.0791, 88.2974, 86.4848 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(210, 251, 228) }
```


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

```
.border{ border-color:rgb(210, 251, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 251, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 228);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0791, 88.2974, 86.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 228) }
```

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

```
.background{ background-color: rgb(210,  
251, 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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