

Converting Colors

XYZ(75.8201, 87.3864, 79.4141)

Have a look what the booklet for
XYZ(75.8201, 87.3864, 79.4141)
contains.

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Color

**XYZ(75.7375, 87.4124,
79.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF8DA
RGB	220, 248, 218
RGB Percent	86%, 97%, 85%
CMY	0.1372, 0.0274, 0.1451
CMYK	0.11, 0.00, 0.12, 0.03
HSL	116°, 68%, 91%
HSV	116°, 12%, 97%
XYZ	75.7375, 87.4124, 79.2102
YIQ	236.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

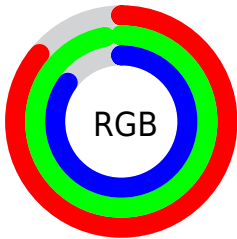
Format	Color
R_{YB}	218, 248, 246
Decimal	14481626
CIE _{Lab}	94.91, -14.53, 11.35
CIE _{LCh}	95, 18.437, 141.986
Y _{xy}	87.4124, 0.3125, 0.3607
Android (android.graphics.Color)	4292671706 (0xFFDC _{F8DA})
YUV	236.2080, -8.9765, -14.2144
Hunter-Lab	93.4946, -19.0174, 15.2147

Details

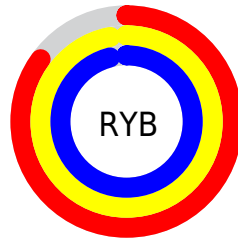
The XYZ color **75.7375, 87.4124, 79.2102** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.0242, 76.5154, 99.3627**, and the grayscale version is **79.9606, 84.1248, 91.6119**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9775, 48.3430, 41.8217** is the 20% darker color. If you saturate the color by 10%, you get **66.2049, 82.8480, 63.0719**, and if you desaturate by 10%, it is **86.7306, 92.6786, 97.9553**.

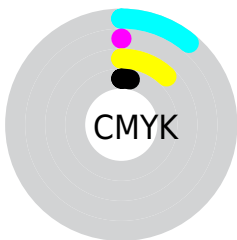
Distribution



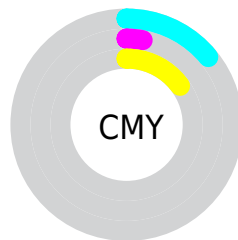
- Red (86%)
- Green (97%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)





- Cyan (14%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7375, 87.4124, 79.2102 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 75.7375, 87.4124, 79.2102 by changing the saturation by 10% instead.


 75.7375, 87.4124,
79.2102

 75.7375, 87.4124,
79.2102


469.4069,
519.5770, 511.9036

 56.5136, 65.8365,
58.5463


126.3381,
143.7388, 134.0561

 40.8535, 48.1397,
41.8304


158.4455,
179.2582, 169.0752

 28.3918, 33.9375,
28.6439


195.5781,
220.1941, 209.7164

 18.7631, 22.8456,
18.5684

238.1013,
266.9311, 256.3983

 11.6022, 14.4796,
11.1852

286.3804,
319.8535, 309.5394

 6.5437, 8.4550,
6.0758

340.7808,

 3.2222, 4.3874,

379.3457, 369.5583

2.8217

401.6678,
445.7921, 436.8735

■ 1.2723, 1.8926,
1.0043

■ 0.1624, 0.5439,
0.0000

■ 75.7375, 87.4124,
79.2102

■ 75.7375, 87.4124,
79.2102

■ 66.2049, 82.8480,
63.0719

■ 86.7306, 92.6786,
97.9553

■ 58.0645, 78.9452,
49.4195

■ 92.8591, 95.6182,
108.1697

■ 51.2532, 75.6767,
38.1314

■ 45.7005, 73.0089,
29.0732

■ 41.3289, 70.9051,
22.0973

■ 38.0526, 69.3247,
17.0380

■ 35.7742, 68.2216,
13.7049

■ 34.3788, 67.5415,
11.8680

■ 33.7919, 67.2531,
11.2001

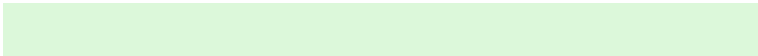
Harmonies

Analogous

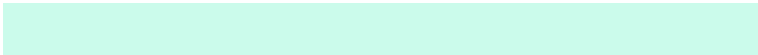
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5359, 87.4124, 71.8645



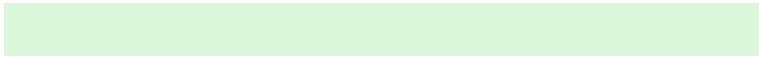
75.7375, 87.4124, 79.2102



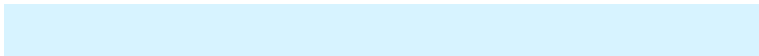
73.9233, 87.4124, 91.3907

Triad

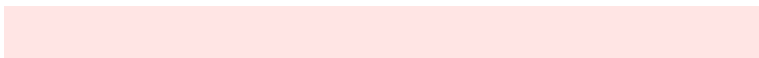
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7375, 87.4124, 79.2102



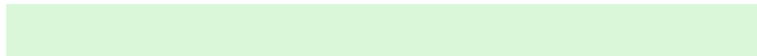
81.7500, 87.4124, 125.1226



92.3186, 87.4124, 85.2385

Complementary

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



75.7375, 87.4124, 79.2102



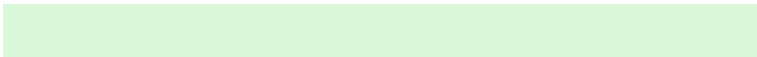
80.0242, 76.5154, 99.3627

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.



92.9694, 87.4124, 99.0670



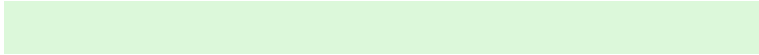
75.7375, 87.4124, 79.2102



86.7337, 87.4124, 123.0542

Square

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



75.7375, 87.4124, 79.2102



77.3026, 87.4124, 118.5553



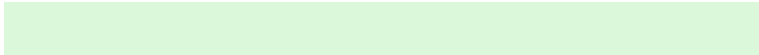
90.8884, 87.4124, 113.1576



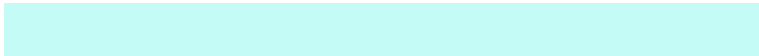
89.1443, 87.4124, 75.0941

Rectangle

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



75.7375, 87.4124, 79.2102



74.0304, 87.4124, 101.0095



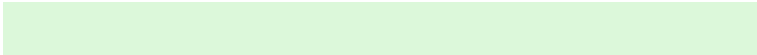
90.8884, 87.4124, 113.1576



92.8448, 87.4124, 89.5740

Sweetspot

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



75.7399, 87.4161, 79.2121



90.0347, 97.5992, 100.3194



84.3259, 90.9343, 79.4387



19.0754, 20.7966, 21.1381



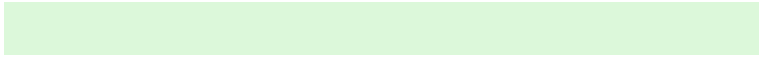
0.0000, 0.0000, 0.0000



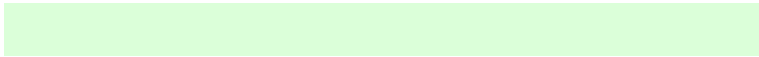
20.3446, 21.4041, 23.3091

Same Dimension

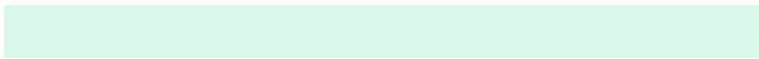
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7399, 87.4161, 79.2121



77.5553, 91.6232, 79.0727



76.9074, 87.8137, 88.5002



17.1244, 19.3644, 18.2975



18.2929, 36.3486, 6.0519



1.7305, 3.3852, 0.5622

Inverse Universe

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



80.0242, 76.5154, 99.3627



83.1069, 77.4967, 105.1859



78.7813, 76.0997, 89.1368



17.8721, 17.4622, 21.8139



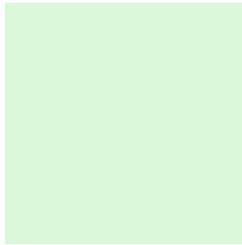
27.0856, 12.9058, 49.0371



2.5420, 1.2125, 4.5432

Previews

White Background



This preview shows how the XYZ color 75.7375, 87.4124, 79.2102 looks on a white background.

Color Contrast Check

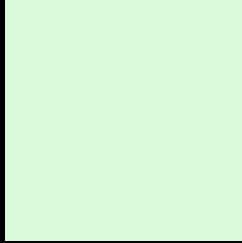
Large Text (above 18pt) WCAG AA × Fail

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 75.7375, 87.4124, 79.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

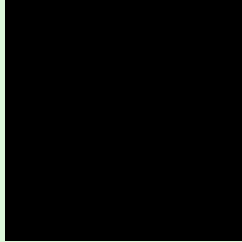
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

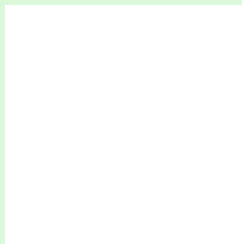
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7375, 87.4124, 79.2102

Background



This preview shows how black text looks on a background with the XYZ color 75.7375, 87.4124, 79.2102.



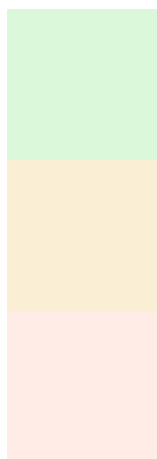
This preview shows how white text looks on a background with the XYZ color 75.7375, 87.4124,

79.2102.

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

75.7375, 87.4124, 79.2102

Protanopia

82.3011, 86.8611, 75.3789

Deuteranopia

85.6593, 87.0204, 87.8832



Tritanopia

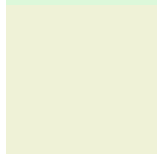
82.4603, 87.1195, 107.0774

Trichromacy



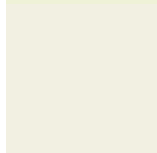
Original Color

75.7375, 87.4124, 79.2102



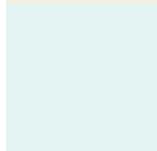
Protanomaly

79.6145, 86.7613, 76.8404



Deuteranomaly

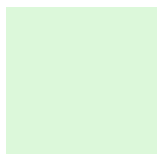
81.5055, 86.6884, 84.3882



Tritanomaly

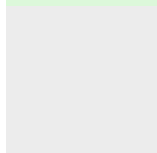
80.0562, 87.4431, 96.6632

Monochromacy



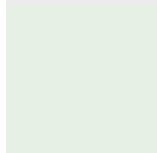
Original Color

75.7375, 87.4124, 79.2102



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9361, 84.8003, 86.3892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7375, 87.4124, 79.2102 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(220, 248, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 248, 218)  
}
```

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(220, 248, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 248, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.7375, 87.4124, 79.2102 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(220, 248, 218) }
```


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

```
.border{ border-color:rgb(220, 248, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 248, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 248, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 248, 218); box-shadow:4px 4px 4px 4px rgb(220, 248, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7375, 87.4124, 79.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 248, 218) }
```

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

```
.background{ background-color: rgb(220,  
248, 218) }
```

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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