

Converting Colors

XYZ(74.4066, 87.9369, 73.1549)

Have a look what the booklet for
XYZ(74.4066, 87.9369, 73.1549)
contains.

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Color

**XYZ(74.3095, 87.7264,
73.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FAD1
RGB	217, 250, 209
RGB Percent	85%, 98%, 82%
CMY	0.1490, 0.0196, 0.1804
CMYK	0.13, 0.00, 0.16, 0.02
HSL	108°, 80%, 90%
HSV	108°, 16%, 98%
XYZ	74.3095, 87.7264, 73.3380
YIQ	235.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

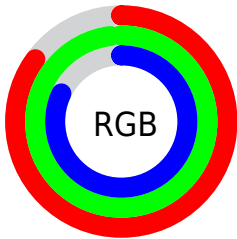
Format	Color
R_{YB}	209, 250, 242
Decimal	14285521
CIE _{Lab}	95.05, -18.03, 16.14
CIE _{LCh}	95, 24.200, 138.160
Yxy	87.7264, 0.3157, 0.3727
Android (android.graphics.Color)	4292475601 (0xFFD9FAD1)
YUV	235.4590, -13.0443, -16.1885
Hunter-Lab	93.6624, -22.2915, 19.1394

Details

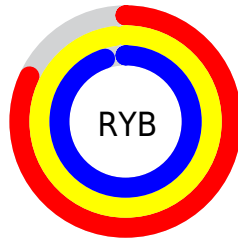
The XYZ color **74.3095, 87.7264, 73.3380** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.6774, 71.3828, 100.1840**, and the grayscale version is **79.4174, 83.5533, 90.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8030, 48.1544, 37.7687** is the 20% darker color. If you saturate the color by 10%, you get **65.8332, 83.6893, 58.0321**, and if you desaturate by 10%, it is **84.0057, 92.3414, 91.2400**.

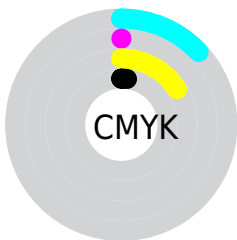
Distribution



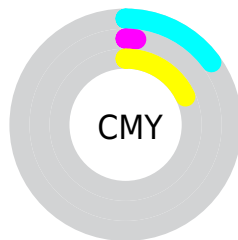
- Red (85%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (15%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3095, 87.7264, 73.3380 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 74.3095, 87.7264, 73.3380 by changing the saturation by 10% instead.


 74.3095, 87.7264,
73.3380

 74.3095, 87.7264,
73.3380


464.5747,
520.6068, 491.2876

 55.3396, 66.0965,
53.7589


124.3276,
144.1762, 125.6823

 39.9086, 48.3507,
38.0171


156.1065,
179.7649, 159.2845

 27.6512, 34.1047,
25.6940

192.8857,
220.7753, 198.3982

 18.2020, 22.9741,
16.3711

235.0307,
267.5918, 243.4420

 11.1957, 14.5744,
9.6300

282.9067,
320.5988, 294.8342

 6.2669, 8.5212,
5.0519

336.8791,

 3.0502, 4.4302,

380.1807, 352.9935

2.2185

397.3133,
446.7219, 418.3385

■ 1.1804, 1.9170,
0.6850

■ 0.0908, 0.5586,
0.0000

■ 74.3095, 87.7264,
73.3380

■ 74.3095, 87.7264,
73.3380

■ 65.8332, 83.6893,
58.0321

■ 84.0057, 92.3414,
91.2400

■ 58.5210, 80.1962,
45.1964

■ 93.4774, 96.8547,
108.3758

■ 52.3232, 77.2270,
34.7030

■ 47.1837, 74.7557,
26.4104

■ 43.0412, 72.7542,
20.1618

■ 39.8281, 71.1914,
15.7797

■ 37.4675, 70.0323,
13.0561

■ 35.8683, 69.2356,
11.7317

■ 35.4430, 69.0220,
11.4545

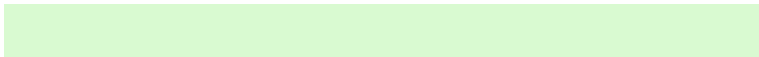
Harmonies

Analogous

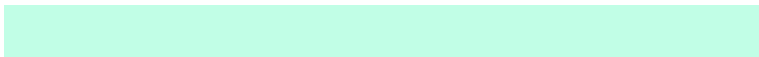
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5013, 87.7264, 65.0708



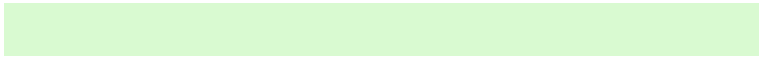
74.3095, 87.7264, 73.3380



71.6056, 87.7264, 88.2785

Triad

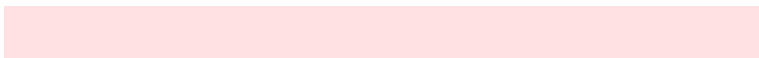
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3095, 87.7264, 73.3380



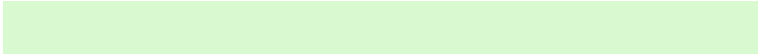
80.8132, 87.7264, 135.5354



95.9851, 87.7264, 84.6691

Complementary

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



74.3095, 87.7264, 73.3380



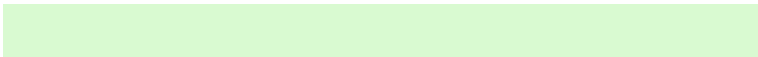
76.6774, 71.3828, 100.1840

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.



96.3820, 87.7264, 103.1453



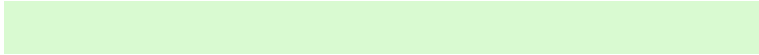
74.3095, 87.7264, 73.3380



87.3855, 87.7264, 134.2345

Square

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



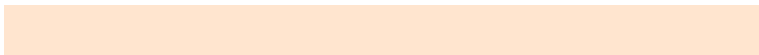
74.3095, 87.7264, 73.3380



75.2263, 87.7264, 125.1247



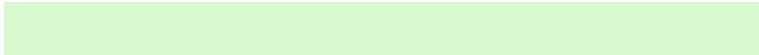
93.1629, 87.7264, 121.7745



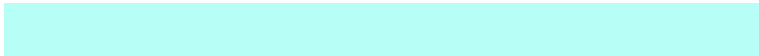
92.1054, 87.7264, 70.9958

Rectangle

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



74.3095, 87.7264, 73.3380



71.4783, 87.7264, 100.7530



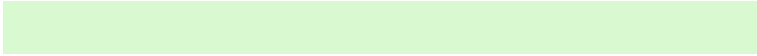
93.1629, 87.7264, 121.7745



96.5374, 87.7264, 90.4698

Sweetspot

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



74.3119, 87.7302, 73.3399



89.3892, 97.3111, 98.2730



82.6293, 88.3168, 73.0148



18.9684, 20.7504, 20.7271



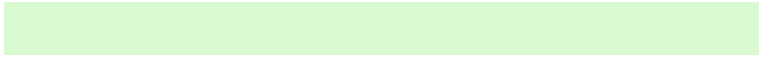
0.0000, 0.0000, 0.0000



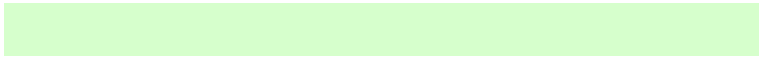
20.3446, 21.4041, 23.3091

Same Dimension

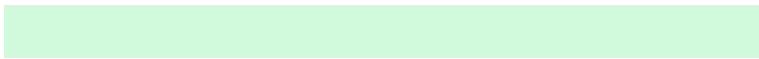
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3119, 87.7302, 73.3399



74.3758, 90.1681, 70.6109



73.5740, 87.1670, 81.5657



17.3334, 19.4721, 18.3073



18.8894, 36.6561, 6.0798



1.8302, 3.4366, 0.5669

Inverse Universe

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



76.6774, 71.3828, 100.1840



77.3168, 69.8273, 104.0107



77.6166, 72.0827, 90.4841



17.6418, 17.3435, 21.8031



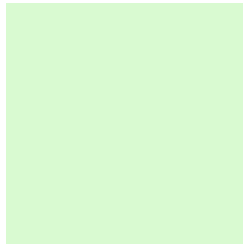
22.0807, 10.3257, 48.8028



2.1269, 0.9986, 4.5238

Previews

White Background



This preview shows how the XYZ color 74.3095, 87.7264, 73.3380 looks on a white background.

Color Contrast Check

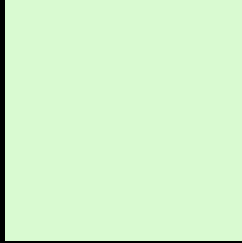
Large Text (above 18pt) WCAG AA × Fail

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 74.3095, 87.7264, 73.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

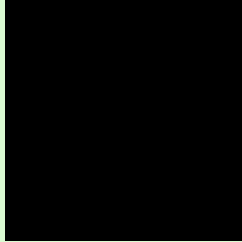
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

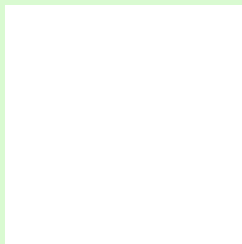
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3095, 87.7264, 73.3380

Background



This preview shows how black text looks on a background with the XYZ color 74.3095, 87.7264, 73.3380.



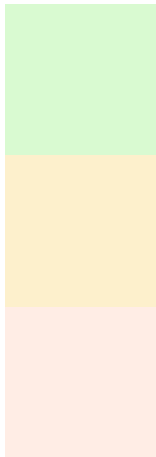
This preview shows how white text looks on a background with the XYZ color 74.3095, 87.7264,

73.3380.

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

74.3095, 87.7264, 73.3380

Protanopia

82.5672, 87.5625, 69.6762

Deuteranopia

85.6670, 87.4855, 86.5000



Tritanopia

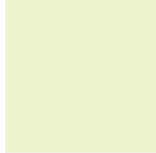
82.7571, 87.7132, 107.1763

Trichromacy



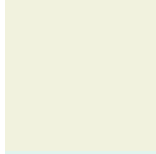
Original Color

74.3095, 87.7264, 73.3380



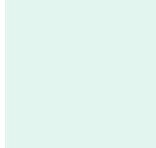
Protanomaly

79.4264, 87.6829, 71.1308



Deuteranomaly

81.2126, 87.4790, 81.7120



Tritanomaly

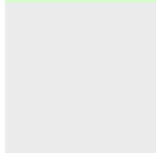
79.4491, 87.6466, 93.6190

Monochromacy



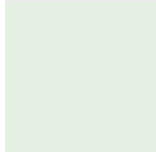
Original Color

74.3095, 87.7264, 73.3380



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.8825, 84.3051, 84.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3095, 87.7264, 73.3380 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(217, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 209)  
}
```

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(217, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.3095, 87.7264, 73.3380 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(217, 250, 209) }
```


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

```
.border{ border-color:rgb(217, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3095, 87.7264, 73.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 209) }
```

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

```
.background{ background-color: rgb(217,  
250, 209) }
```

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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