

Converting Colors

XYZ(74.2619, 84.4586, 82.6666)

Have a look what the booklet for
XYZ(74.2619, 84.4586, 82.6666)
contains.

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Color

**XYZ(74.1204, 84.2347,
82.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F3E0
RGB	217, 243, 224
RGB Percent	85%, 95%, 88%
CMY	0.1490, 0.0470, 0.1216
CMYK	0.11, 0.00, 0.08, 0.05
HSL	136°, 52%, 90%
HSV	136°, 11%, 95%
XYZ	74.1204, 84.2347, 82.8734
YIQ	233.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

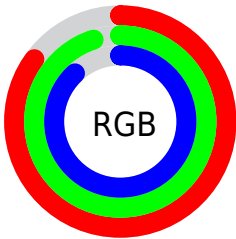
Format	Color
R _{YB}	217, 237, 243
Decimal	14283744
CIE Lab	93.55, -11.98, 6.28
CIE LCh	94, 13.528, 152.354
Yxy	84.2347, 0.3073, 0.3492
Android (android.graphics.Color)	4292473824 (0xFFD9F3E0)
YUV	233.0600, -4.4666, -14.0846
Hunter-Lab	91.7795, -16.4588, 10.7090

Details

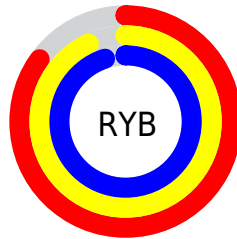
The XYZ color **74.1204, 84.2347, 82.8734** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9183, 74.7386, 89.7327**, and the grayscale version is **77.5369, 81.5748, 88.8350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8320, 46.0866, 44.3323** is the 20% darker color. If you saturate the color by 10%, you get **65.1385, 79.8707, 70.5309**, and if you desaturate by 10%, it is **84.4221, 89.2548, 96.5944**.

Distribution



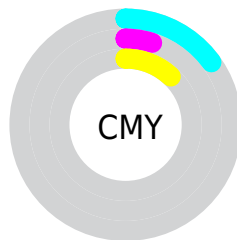
- Red (85%)
- Green (95%)
- Blue (88%)



- Red (85%)
- Yellow (93%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1204, 84.2347, 82.8734 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 74.1204, 84.2347, 82.8734 by changing the saturation by 10% instead.

74.1204, 84.2347,
82.8734

74.1204, 84.2347,
82.8734

463.9327,
509.0923, 524.5244

55.1842, 63.2092,
61.5457

124.0611,
139.3034, 139.2458

39.7837, 46.0105,
44.2323

155.7962,
174.1155, 175.1276

27.5534, 32.2541,
30.5147

192.5285,
214.2919, 216.6978

18.1280, 21.5557,
19.9742

234.6231,
260.2170, 264.3750

11.1422, 13.5308,
12.1924

282.4455,
312.2751, 318.5777

6.2305, 7.7950,
6.7507

336.3610,

3.0277, 3.9641,

370.8508, 379.7245

3.2306

396.7349,
436.3284, 448.2339

■ 1.1685, 1.6535,
1.2136

■ 0.0812, 0.3933,
0.0000

■ 74.1204, 84.2347,
82.8734

■ 74.1204, 84.2347,
82.8734

■ 65.1385, 79.8707,
70.5309

■ 84.4221, 89.2548,
96.5944

■ 57.4155, 76.1250,
59.5186

■ 91.3422, 92.5844,
107.6641

■ 50.8958, 72.9725,
49.7936

■ 45.5172, 70.3820,
41.3086

■ 41.2113, 68.3192,
34.0134

■ 37.9027, 66.7465,
27.8541

■ 35.5051, 65.6204,
22.7729

■ 33.9168, 64.8900,
18.7064

■ 33.0185, 64.4909,
15.7724

Harmonies

Analogous

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



76.4363, 84.2347, 76.0563



74.1204, 84.2347, 82.8734



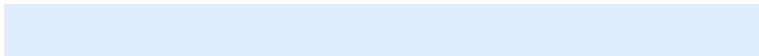
73.3821, 84.2347, 92.5289

Triad

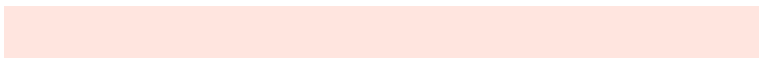
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1204, 84.2347, 82.8734



80.3455, 84.2347, 112.8505



86.0173, 84.2347, 81.5702

Complementary

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



74.1204, 84.2347, 82.8734



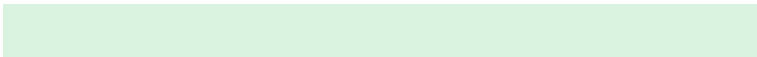
76.9183, 74.7386, 89.7327

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.



87.1366, 84.2347, 90.9103



74.1204, 84.2347, 82.8734



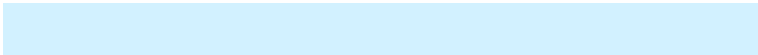
83.8017, 84.2347, 109.3927

Square

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



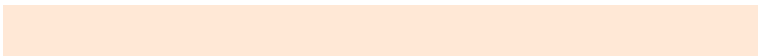
74.1204, 84.2347, 82.8734



76.9119, 84.2347, 110.3054



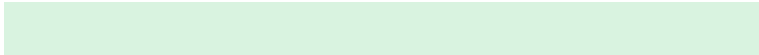
86.3141, 84.2347, 101.1689



83.2982, 84.2347, 75.3443

Rectangle

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



74.1204, 84.2347, 82.8734



73.8656, 84.2347, 99.4183



86.3141, 84.2347, 101.1689



86.5968, 84.2347, 84.4245

Sweetspot

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



74.1227, 84.2383, 82.8753



91.4042, 98.2230, 104.0991



79.1925, 86.9593, 78.2576



19.3607, 20.9246, 22.0120



0.0000, 0.0000, 0.0000



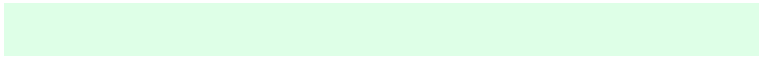
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1227, 84.2383, 82.8753



80.2302, 92.7827, 89.1144



75.9449, 84.9672, 92.4707



16.4654, 18.5453, 18.4692



18.1687, 35.4123, 8.9080



1.6380, 3.1289, 0.9996

Inverse Universe

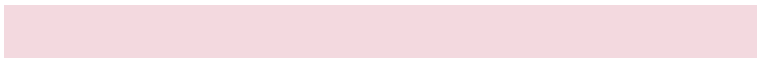
The Inverse Universe completely reimagines the original color for something new.



76.9183, 74.7386, 89.7327



83.9677, 80.0814, 98.2816



75.1059, 74.0136, 80.1885



17.0121, 16.6877, 19.8102



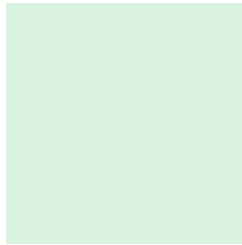
24.7328, 12.2366, 24.3651



2.2165, 1.0925, 2.3662

Previews

White Background



This preview shows how the XYZ color 74.1204, 84.2347, 82.8734 looks on a white background.

Color Contrast Check

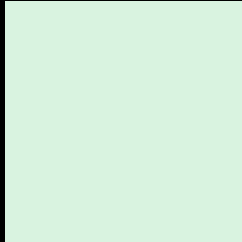
Large Text (above 18pt) WCAG AA × Fail

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 74.1204, 84.2347, 82.8734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

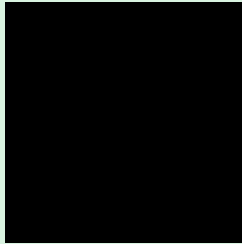
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

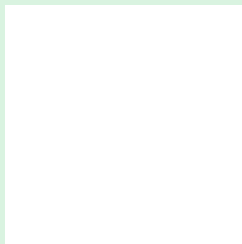
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1204, 84.2347, 82.8734

Background



This preview shows how black text looks on a background with the XYZ color 74.1204, 84.2347, 82.8734.



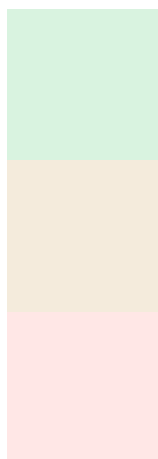
This preview shows how white text looks on a background with the XYZ color 74.1204, 84.2347,

82.8734.

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

74.1204, 84.2347, 82.8734

Protanopia

79.9348, 83.8171, 79.6754

Deuteranopia

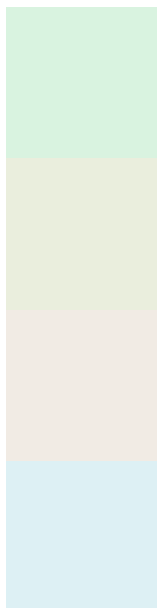
84.0988, 84.1250, 86.6682



Tritanopia

79.3650, 84.2164, 106.6801

Trichromacy



Original Color

74.1204, 84.2347, 82.8734

Protanomaly

77.5574, 83.8620, 80.5059

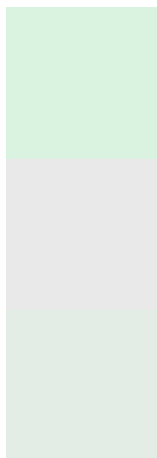
Deuteranomaly

79.9875, 83.7189, 85.3424

Tritanomaly

77.3080, 84.2240, 97.7702

Monochromacy



Original Color

74.1204, 84.2347, 82.8734

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2457, 82.6124, 86.7901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1204, 84.2347, 82.8734 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, 243, 224) looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.1204, 84.2347, 82.8734 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, 243, 224) }
```


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

```
.border{ border-color:rgb(217, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1204, 84.2347, 82.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 224) }
```

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

```
.background{ background-color: rgb(217,  
243, 224) }
```

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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