

Converting Colors

XYZ(75.0818, 84.3275, 87.7787)

Have a look what the booklet for
XYZ(75.0818, 84.3275, 87.7787)
contains.

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Color

**XYZ(75.0894, 84.1792,
87.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF2E7
RGB	218, 242, 231
RGB Percent	85%, 95%, 91%
CMY	0.1451, 0.0510, 0.0941
CMYK	0.10, 0.00, 0.05, 0.05
HSL	152°, 48%, 90%
HSV	152°, 10%, 95%
XYZ	75.0894, 84.1792, 87.8919
YIQ	233.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

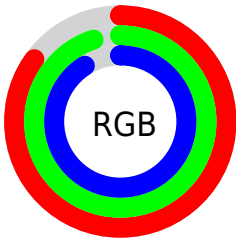
Format	Color
R _{YB}	218, 234, 242
Decimal	14349031
CIE _{Lab}	93.53, -9.88, 2.62
CIE _{LCh}	94, 10.225, 165.142
Y _{xy}	84.1792, 0.3038, 0.3406
Android (android.graphics.Color)	4292539111 (0xFFDAF2E7)
YUV	233.5700, -1.2670, -13.6549
Hunter-Lab	91.7492, -14.4732, 7.4271

Details

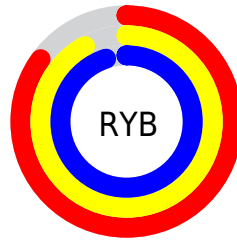
The XYZ color **75.0894, 84.1792, 87.8919** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.8353, 74.6794, 84.5503**, and the grayscale version is **77.8988, 81.9556, 89.2497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4010, 45.9995, 47.3069** is the 20% darker color. If you saturate the color by 10%, you get **66.8570, 80.1129, 79.5858**, and if you desaturate by 10%, it is **84.4826, 88.8371, 96.7743**.

Distribution



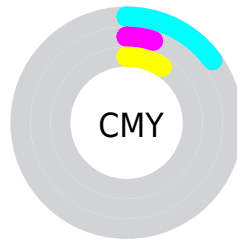
- Red (85%)
- Green (95%)
- Blue (91%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0894, 84.1792, 87.8919 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 75.0894, 84.1792, 87.8919 by changing the saturation by 10% instead.

75.0894, 84.1792,
87.8919

75.0894, 84.1792,
87.8919

467.2172,
508.9081, 541.5413

55.9806, 63.1634,
65.6697

125.4261,
139.2258, 146.3165

40.4243, 45.9734,
47.5495

157.3847,
174.0254, 183.3559

28.0552, 32.2248,
33.1129

194.3573,
214.1884, 226.1716

18.5079, 21.5333,
21.9411

236.7092,
260.0992, 275.1819

11.4172, 13.5144,
13.6157

284.8058,
312.1422, 330.8055

6.4175, 7.7837,
7.7182

339.0125,

3.1436, 3.9569,

370.7017, 393.4609

3.8300

399.6945,
436.1622, 463.5667

■ 1.2302, 1.6495,
1.5325

■ 0.1300, 0.3906,
0.2420

■ 75.0894, 84.1792,
87.8919

■ 75.0894, 84.1792,
87.8919

■ 66.8570, 80.1129,
79.5858

■ 84.4826, 88.8371,
96.7743

■ 59.7307, 76.6033,
71.8387

■ 90.7536, 91.8714,
106.0366

■ 53.6622, 73.6279,
64.6403

■ 91.0437, 91.9874,
107.5646

■ 48.5966, 71.1587,
57.9779

■ 44.4737, 69.1649,
51.8383

■ 41.2267, 67.6122,
46.2075

■ 38.7793, 66.4618,
41.0709

■ 37.0413, 65.6671,
36.4127

■ 35.8636, 65.1516,
32.2138

Harmonies

Analogous

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



76.3809, 84.1792, 81.5512



75.0894, 84.1792, 87.8919



75.0958, 84.1792, 95.6013

Triad

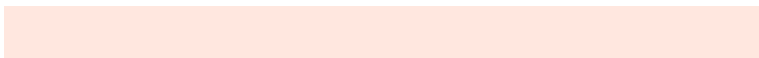
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0894, 84.1792, 87.8919



81.3755, 84.1792, 106.7928



83.7330, 84.1792, 81.5028

Complementary

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



75.0894, 84.1792, 87.8919



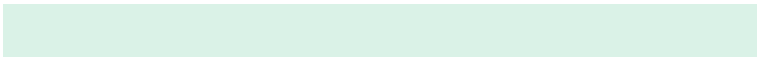
75.8353, 74.6794, 84.5503

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.



85.1336, 84.1792, 87.8224



75.0894, 84.1792, 87.8919



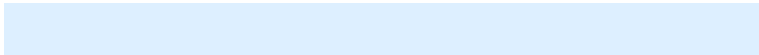
83.7518, 84.1792, 102.5647

Square

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



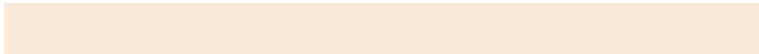
75.0894, 84.1792, 87.8919



78.6842, 84.1792, 106.8140



85.1406, 84.1792, 95.5278



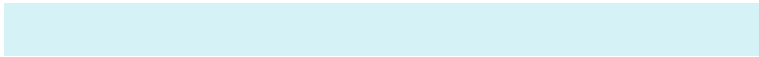
81.3503, 84.1792, 78.0060

Rectangle

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



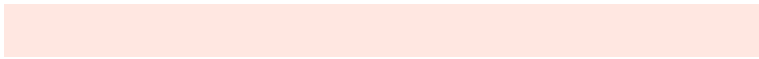
75.0894, 84.1792, 87.8919



75.8336, 84.1792, 100.4968



85.1406, 84.1792, 95.5278



84.3366, 84.1792, 83.3511

Sweetspot

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



75.0918, 84.1828, 87.8938



91.7318, 98.3540, 105.8243



76.7869, 85.2610, 78.7409



19.4489, 20.9599, 22.4770



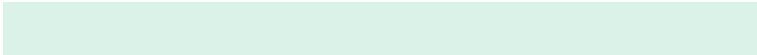
0.0000, 0.0000, 0.0000



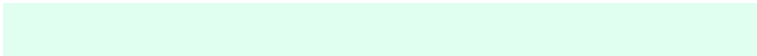
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0918, 84.1828, 87.8938



82.4977, 93.7805, 96.9509



76.4579, 84.3490, 96.2598



15.9239, 17.7996, 18.6224



19.3305, 35.0242, 17.6552



1.6583, 2.9338, 1.7330

Inverse Universe

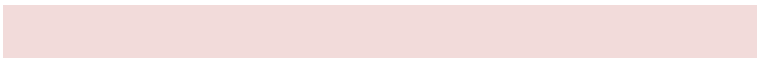
The Inverse Universe completely reimagines the original color for something new.



75.8353, 74.6794, 84.5503



83.4988, 80.9848, 92.4494



74.5548, 74.5000, 76.7814



16.0742, 15.8794, 17.9468



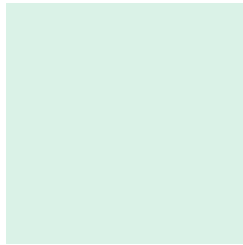
21.2782, 10.7837, 9.3814



1.8198, 0.9170, 1.0419

Previews

White Background



This preview shows how the XYZ color 75.0894, 84.1792, 87.8919 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 75.0894, 84.1792, 87.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

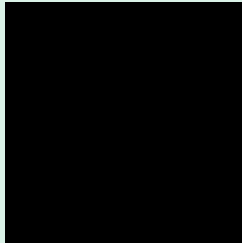
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

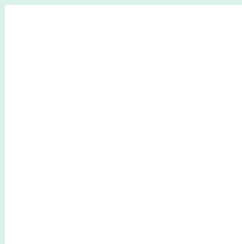
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0894, 84.1792, 87.8919

Background



This preview shows how black text looks on a background with the XYZ color 75.0894, 84.1792, 87.8919.



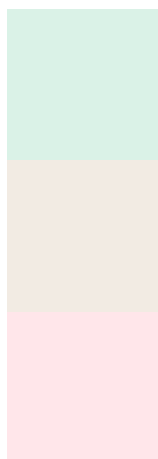
This preview shows how white text looks on a background with the XYZ color 75.0894, 84.1792,

87.8919.

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

75.0894, 84.1792, 87.8919

Protanopia

80.1914, 83.8400, 84.6292

Deuteranopia

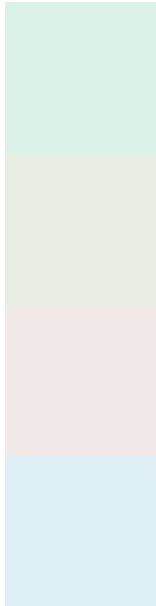
84.3881, 83.7941, 89.5681



Tritanopia

79.3650, 84.2164, 106.6801

Trichromacy



Original Color

75.0894, 84.1792, 87.8919

Protanomaly

78.1824, 84.0741, 85.5061

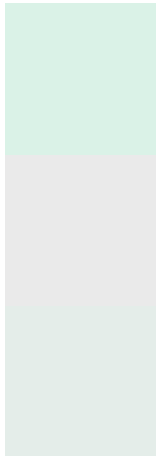
Deuteranomaly

80.7487, 83.6061, 88.9725

Tritanomaly

77.6253, 83.9164, 99.2950

Monochromacy



Original Color

75.0894, 84.1792, 87.8919

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9871, 82.9455, 89.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0894, 84.1792, 87.8919 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(218, 242, 231) looks like.

```
.text, #text, p{  
    color:rgb(218, 242, 231)  
}
```

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(218, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 242, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.0894, 84.1792, 87.8919 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(218, 242, 231) }
```


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

```
.border{ border-color:rgb(218, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 242,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0894, 84.1792, 87.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 242, 231) }
```

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

```
.background{ background-color: rgb(218,  
242, 231) }
```

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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