

Converting Colors

XYZ(74.5181, 83.9164, 88.0804)

Have a look what the booklet for
XYZ(74.5181, 83.9164, 88.0804)
contains.

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Color

**XYZ(74.4948, 83.8727,
87.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F2E7
RGB	216, 242, 231
RGB Percent	85%, 95%, 91%
CMY	0.1529, 0.0510, 0.0941
CMYK	0.11, 0.00, 0.05, 0.05
HSL	155°, 50%, 90%
HSV	155°, 11%, 95%
XYZ	74.4948, 83.8727, 87.8641
YIQ	232.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

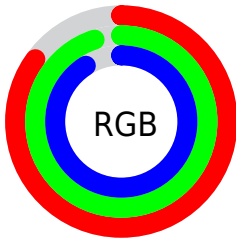
Format	Color
R _Y B	216, 232, 242
Decimal	14217959
CIE Lab	93.40, -10.53, 2.41
CIE LCh	93, 10.805, 167.101
Yxy	83.8727, 0.3025, 0.3406
Android (android.graphics.Color)	4292408039 (0xFFD8F2E7)
YUV	232.9720, -0.9722, -14.8844
Hunter-Lab	91.5820, -15.0728, 7.2244

Details

The XYZ color **74.4948, 83.8727, 87.8641** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0419, 73.5371, 82.9157**, and the grayscale version is **77.4465, 81.4798, 88.7315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9947, 45.7900, 47.2879** is the 20% darker color. If you saturate the color by 10%, you get **66.4610, 79.8957, 80.1585**, and if you desaturate by 10%, it is **83.6710, 88.4335, 96.0684**.

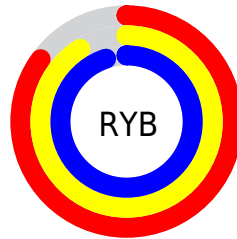
Distribution



Red (85%)

Green (95%)

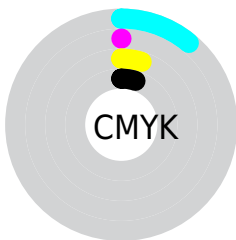
Blue (91%)



Red (85%)

Yellow (91%)

Blue (95%)

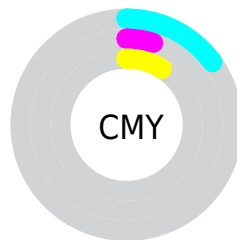


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4948, 83.8727, 87.8641 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 74.4948, 83.8727, 87.8641 by changing the saturation by 10% instead.

74.4948, 83.8727,
87.8641

74.4948, 83.8727,
87.8641

465.2033,
507.8904, 541.4479

55.4918, 62.9103,
65.6468

124.5887,
138.7971, 146.2774

40.0310, 45.7687,
47.5311

156.4104,
173.5279, 183.3105

27.7471, 32.0633,
33.0984

193.2356,
213.6170, 226.1194

18.2746, 21.4099,
21.9301

235.4298,
259.4488, 275.1224

11.2482, 13.4239,
13.6077

283.3583,
311.4076, 330.7383

6.3025, 7.7211,
7.7127

337.3865,

3.0723, 3.9170,

369.8779, 393.3854

3.8265

397.8797,
435.2440, 463.4824

■ 1.1921, 1.6273,
1.5307

■ 0.1001, 0.3759,
0.2406

■ 74.4948, 83.8727,
87.8641

■ 74.4948, 83.8727,
87.8641

■ 66.4610, 79.8957,
80.1585

■ 83.6710, 88.4335,
96.0684

■ 59.5151, 76.4676,
72.9364

■ 90.4825, 91.7630,
104.6094

■ 53.6089, 73.5661,
66.1896

■ 91.0437, 91.9874,
107.5646

■ 48.6875, 71.1630,
59.9077

■ 44.6907, 69.2274,
54.0796

■ 41.5515, 67.7250,
48.6939

■ 39.1932, 66.6165,
43.7384

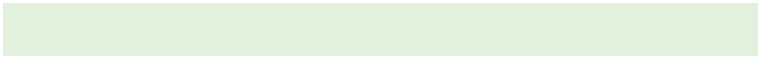
■ 37.5244, 65.8550,
39.1998

■ 36.4579, 65.3891,
35.3565

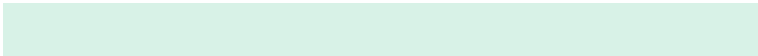
Harmonies

Analogous

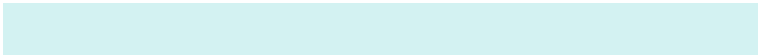
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7708, 83.8727, 81.0504



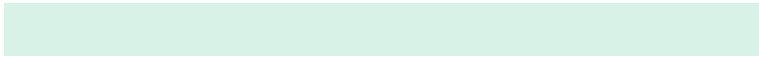
74.4948, 83.8727, 87.8641



74.5943, 83.8727, 96.0168

Triad

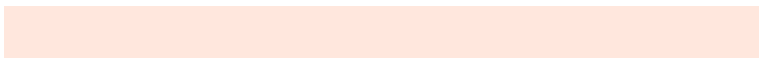
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4948, 83.8727, 87.8641



81.3410, 83.8727, 107.1611



83.5075, 83.8727, 80.3010

Complementary

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



74.4948, 83.8727, 87.8641



75.0419, 73.5371, 82.9157

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.



85.0721, 83.8727, 86.7849



74.4948, 83.8727, 87.8641



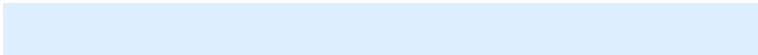
83.8010, 83.8727, 102.4291

Square

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



74.4948, 83.8727, 87.8641



78.5014, 83.8727, 107.4928



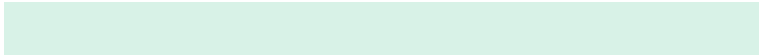
85.1808, 83.8727, 94.8717



80.9481, 83.8727, 76.8621

Rectangle

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



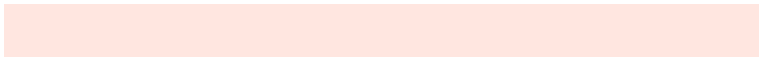
74.4948, 83.8727, 87.8641



75.4269, 83.8727, 101.1221



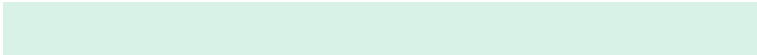
85.1808, 83.8727, 94.8717



84.1699, 83.8727, 82.1786

Sweetspot

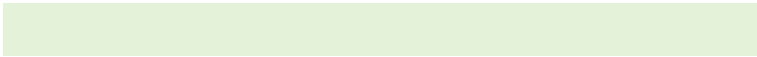
The Sweet Spot groups the original color and five complimentary colors.



74.4972, 83.8762, 87.8660



91.7744, 98.3711, 106.0491



75.9124, 84.8402, 77.3416



19.4605, 20.9645, 22.5376



0.0000, 0.0000, 0.0000



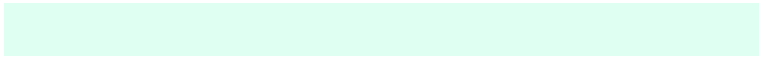
20.3446, 21.4041, 23.3091

Same Dimension

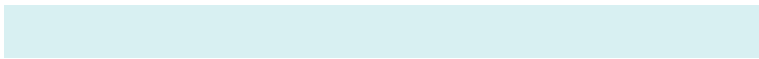
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4972, 83.8762, 87.8660



81.7113, 93.3751, 96.9141



75.5874, 83.4906, 96.1400



15.9482, 17.8093, 18.7499



19.6543, 35.1537, 19.3604



1.6847, 2.9443, 1.8719

Inverse Universe

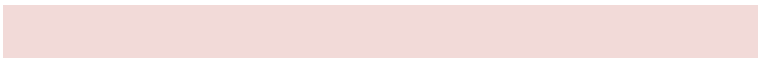
The Inverse Universe completely reimagines the original color for something new.



75.0419, 73.5371, 82.9157



82.4440, 79.4719, 90.2580



74.0175, 73.8417, 75.3186



16.0503, 15.8698, 17.8213



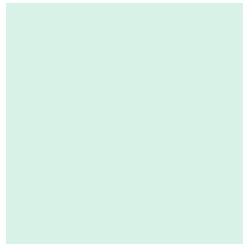
21.0356, 10.6866, 8.1038



1.7986, 0.9085, 0.9305

Previews

White Background



This preview shows how the XYZ color 74.4948, 83.8727, 87.8641 looks on a white background.

Color Contrast Check

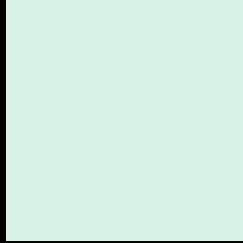
Large Text (above 18pt) WCAG AA × Fail

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 74.4948, 83.8727, 87.8641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

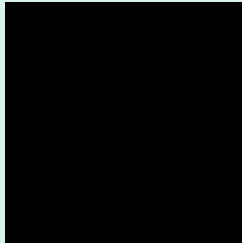
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

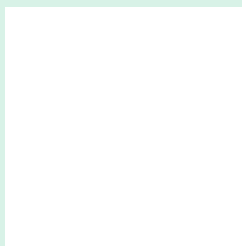
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4948, 83.8727, 87.8641

Background



This preview shows how black text looks on a background with the XYZ color 74.4948, 83.8727, 87.8641.



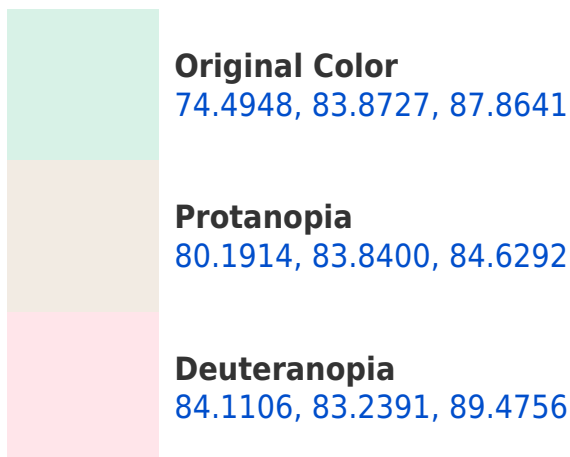
This preview shows how white text looks on a background with the XYZ color 74.4948, 83.8727,

87.8641.

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

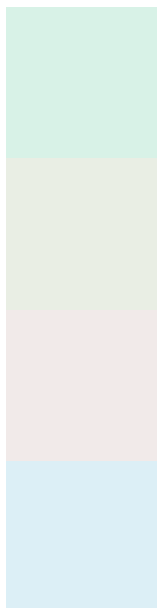




Tritanopia

78.7487, 83.8987, 106.6513

Trichromacy



Original Color

74.4948, 83.8727, 87.8641

Protanomaly

78.1824, 84.0741, 85.5061

Deuteranomaly

80.4064, 83.4296, 88.9564

Tritanomaly

77.0163, 83.6025, 99.2665

Monochromacy



Original Color

74.4948, 83.8727, 87.8641

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2395, 82.1480, 88.1818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4948, 83.8727, 87.8641 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(216, 242, 231) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.4948, 83.8727, 87.8641 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(216, 242, 231) }
```


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

```
.border{ border-color:rgb(216, 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(216, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 242,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4948, 83.8727, 87.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 231) }
```

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

```
.background{ background-color: rgb(216,  
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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