

Converting Colors

XYZ(74.1421, 82.7968, 88.8964)

Have a look what the booklet for
XYZ(74.1421, 82.7968, 88.8964)
contains.

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Color

**XYZ(74.1870, 82.8023,
89.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F0E9
RGB	216, 240, 233
RGB Percent	85%, 94%, 91%
CMY	0.1529, 0.0588, 0.0863
CMYK	0.10, 0.00, 0.03, 0.06
HSL	162°, 44%, 89%
HSV	162°, 10%, 94%
XYZ	74.1870, 82.8023, 89.1632
YIQ	232.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

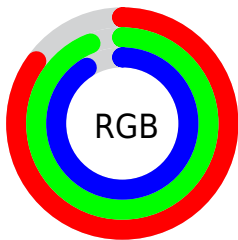
Format	Color
R _Y B	216, 230, 240
Decimal	14217449
CIE Lab	92.93, -9.15, 0.69
CIE LCh	93, 9.180, 175.670
Yxy	82.8023, 0.3014, 0.3364
Android (android.graphics.Color)	4292407529 (0xFFD8F0E9)
YUV	232.0260, 0.4802, -14.0548
Hunter-Lab	90.9958, -13.7152, 5.6011

Details

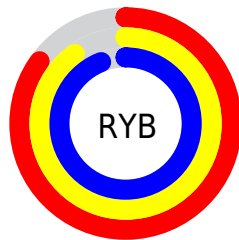
The XYZ color **74.1870, 82.8023, 89.1632** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8133, 72.9669, 80.0095**, and the grayscale version is **76.7262, 80.7219, 87.9061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7742, 45.0324, 48.1908** is the 20% darker color. If you saturate the color by 10%, you get **66.6276, 79.0209, 83.6917**, and if you desaturate by 10%, it is **82.8265, 87.1405, 94.8959**.

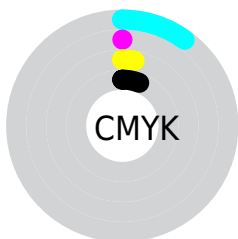
Distribution



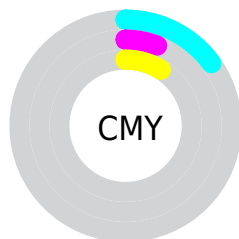
- Red (85%)
- Green (94%)
- Blue (91%)



- Red (85%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1870, 82.8023, 89.1632 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 74.1870, 82.8023, 89.1632 by changing the saturation by 10% instead.

74.1870, 82.8023,
89.1632

74.1870, 82.8023,
89.1632

464.1589,
504.3274, 545.8047

55.2389, 62.0271,
66.7170

124.1549,
137.2985, 148.1008

39.8276, 45.0546,
48.3945

155.9055,
171.7883, 185.4294

27.5878, 31.5004,
33.7772

192.6543,
211.6184, 228.5558

18.1540, 20.9802,
22.4465

234.7667,
257.1732, 277.8986

11.1610, 13.1095,
13.9839

282.6079,
308.8371, 333.8763

6.2433, 7.5040,
7.9709

336.5435,

3.0357, 3.7793,

366.9945, 396.9076

3.9888

396.9387,
432.0298, 467.4109

■ 1.1726, 1.5509,
1.6192

■ 0.0846, 0.3241,
0.3045

■ 74.1870, 82.8023,
89.1632

■ 74.1870, 82.8023,
89.1632

■ 66.6276, 79.0209,
83.6917

■ 82.8265, 87.1405,
94.8959

■ 60.0960, 75.7625,
78.4716

■ 89.1912, 90.2991,
100.7300

■ 54.5462, 73.0057,
73.4998

■ 90.2926, 90.7397,
106.5298

■ 49.9257, 70.7237,
68.7716

■ 90.4516, 90.8033,
107.3672

■ 46.1771, 68.8867,
64.2817

■ 43.2364, 67.4619,
60.0246

■ 41.0304, 66.4116,
55.9942

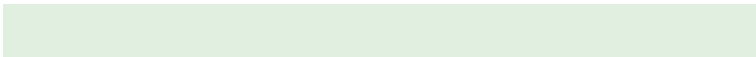
■ 39.4721, 65.6910,
52.1839

■ 38.4153, 65.2247,
48.5844

Harmonies

Analogous

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



74.9500, 82.8023, 82.9052



74.1870, 82.8023, 89.1632



74.6132, 82.8023, 96.0071

Triad

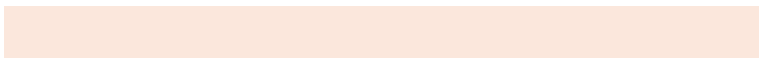
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1870, 82.8023, 89.1632



80.7179, 82.8023, 102.6066



81.3334, 82.8023, 79.6743

Complementary

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



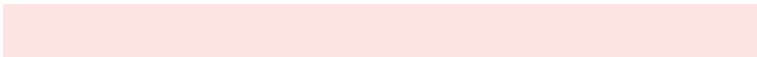
74.1870, 82.8023, 89.1632



73.8133, 72.9669, 80.0095

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.



82.9357, 82.8023, 84.5507



74.1870, 82.8023, 89.1632



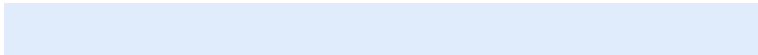
82.5753, 82.8023, 97.8212

Square

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



74.1870, 82.8023, 89.1632



78.3531, 82.8023, 103.9941



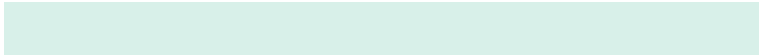
83.3947, 82.8023, 91.1594



79.0501, 82.8023, 77.6064

Rectangle

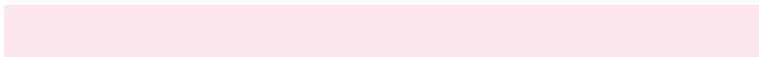
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



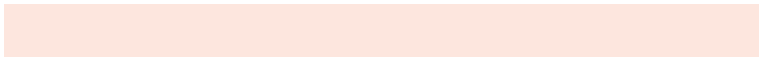
74.1870, 82.8023, 89.1632



75.5191, 82.8023, 99.9497



83.3947, 82.8023, 91.1594



81.9713, 82.8023, 81.0270

Sweetspot

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



74.1893, 82.8058, 89.1650



91.9340, 98.4349, 106.8892



74.0506, 83.0015, 77.0851



19.5036, 20.9817, 22.7646



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.



74.1893, 82.8058, 89.1650



83.2702, 94.0895, 101.0188



73.8154, 80.4247, 94.0752



16.0393, 17.8458, 19.2301



21.0888, 35.7276, 26.9145



1.7975, 2.9894, 2.4659

Inverse Universe

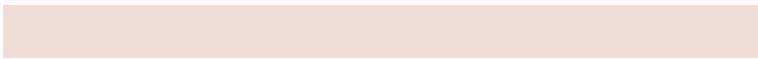
The Inverse Universe completely reimagines the original color for something new.



73.8133, 72.9669, 80.0095



82.7582, 80.6885, 88.5495



74.1363, 75.0929, 75.5540



15.9625, 15.8347, 17.3587



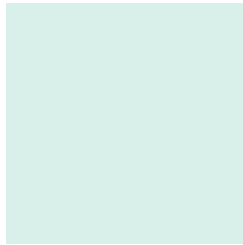
20.3273, 10.4033, 4.3739



1.7328, 0.8822, 0.5837

Previews

White Background



This preview shows how the XYZ color 74.1870, 82.8023, 89.1632 looks on a white background.

Color Contrast Check

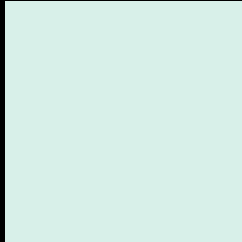
Large Text (above 18pt) WCAG AA × Fail

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 74.1870, 82.8023, 89.1632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

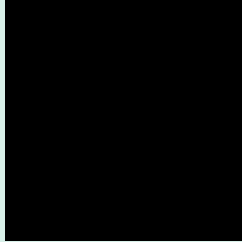
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

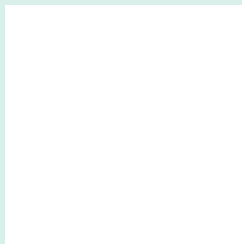
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1870, 82.8023, 89.1632

Background



This preview shows how black text looks on a background with the XYZ color 74.1870, 82.8023, 89.1632.



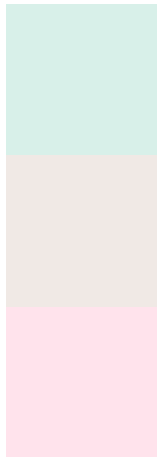
This preview shows how white text looks on a background with the XYZ color 74.1870, 82.8023,

89.1632.

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

74.1870, 82.8023, 89.1632

Protanopia

79.2170, 82.4602, 85.8700

Deuteranopia

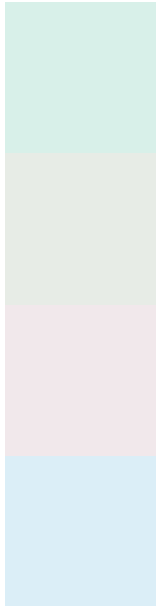
83.8494, 82.2543, 90.8142



Tritanopia

77.8494, 83.0040, 106.5260

Trichromacy



Original Color

74.1870, 82.8023, 89.1632

Protanomaly

77.2334, 82.6930, 86.7536

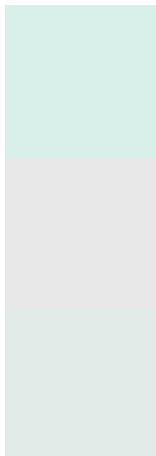
Deuteranomaly

80.1276, 82.4122, 90.2812

Tritanomaly

76.5765, 82.9245, 99.9657

Monochromacy



Original Color

74.1870, 82.8023, 89.1632

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6378, 81.4116, 88.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1870, 82.8023, 89.1632 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, 240, 233) looks like.

```
.text, #text, p{  
    color:rgb(216, 240, 233)  
}
```

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, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 240, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.1870, 82.8023, 89.1632 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, 240, 233) }
```


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

```
.border{ border-color:rgb(216, 240, 233) }
```

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

Here you see how a box with a 4 pixel rgb(216, 240, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 240,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1870, 82.8023, 89.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 240, 233) }
```

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

```
.background{ background-color: rgb(216,  
240, 233) }
```

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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