

Converting Colors

XYZ(74.2390, 80.5851, 86.3541)

Have a look what the booklet for
XYZ(74.2390, 80.5851, 86.3541)
contains.

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Color

**XYZ(74.4227, 80.8178,
86.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEBE6
RGB	223, 235, 230
RGB Percent	87%, 92%, 90%
CMY	0.1255, 0.0784, 0.0980
CMYK	0.05, 0.00, 0.02, 0.08
HSL	155°, 23%, 90%
HSV	155°, 5%, 92%
XYZ	74.4227, 80.8178, 86.5398
YIQ	230.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

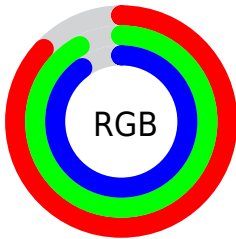
Format	Color
RYB	223, 231, 235
Decimal	14674918
CIELab	92.05, -4.89, 1.03
CIELCh	92, 4.994, 168.051
Yxy	80.8178, 0.3078, 0.3343
Android (android.graphics.Color)	4292864998 (0xFFDFEBE6)
YUV	230.8420, -0.4151, -6.8774
Hunter-Lab	89.8987, -9.5514, 5.8544

Details

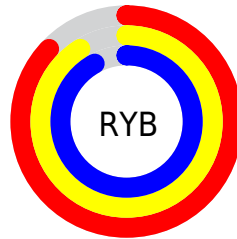
The XYZ color **74.4227, 80.8178, 86.5398** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.6552, 76.0411, 84.1454**, and the grayscale version is **75.8460, 79.7959, 86.8978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0064, 43.6602, 46.8761** is the 20% darker color. If you saturate the color by 10%, you get **66.3418, 76.8087, 79.1819**, and if you desaturate by 10%, it is **83.5905, 85.3828, 94.3555**.

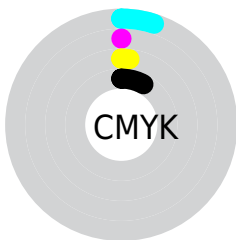
Distribution



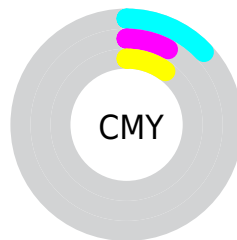
- Red (87%)
- Green (92%)
- Blue (90%)



- Red (87%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4227, 80.8178, 86.5398 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 74.4227, 80.8178, 86.5398 by changing the saturation by 10% instead.

■ 74.4227, 80.8178,
86.5398

■ 74.4227, 80.8178,
86.5398

464.9588,
497.6846, 536.9864

■ 55.4326, 60.3916,
64.5570

124.4871,
134.5149, 144.4157

■ 39.9834, 43.7343,
46.6529

156.2921,
168.5546, 181.1459

■ 27.7097, 30.4617,
32.4090

193.0995,
207.9008, 223.6290

■ 18.2463, 20.1893,
21.4067

235.2745,
252.9380, 272.2835

■ 11.2277, 12.5327,
13.2274

283.1826,
304.0506, 327.5279

■ 6.2886, 7.1076,
7.4528

337.1891,

■ 3.0637, 3.5295,

361.6230, 389.7808

3.6641

397.6594,
426.0395, 459.4608

■ 1.1875, 1.4140,
1.4430

■ 0.0965, 0.2270,
0.1749

■ 74.4227, 80.8178,
86.5398

■ 74.4227, 80.8178,
86.5398

■ 66.3418, 76.8087,
79.1819

■ 83.5905, 85.3828,
94.3555

■ 59.2984, 73.3235,
72.2680

■ 88.1416, 87.5564,
102.3636

■ 53.2497, 70.3424,
65.7909

■ 88.9999, 87.8997,
106.8833

■ 48.1469, 67.8404,
59.7415

■ 43.9370, 65.7903,
54.1103

■ 40.5615, 64.1623,
48.8872

■ 37.9548, 62.9226,
44.0615

■ 36.0403, 62.0320,
39.6219

■ 34.7247, 61.4424,
35.5561

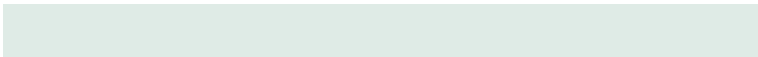
Harmonies

Analogous

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



74.9917, 80.8178, 83.3505



74.4227, 80.8178, 86.5398



74.4894, 80.8178, 90.2080

Triad

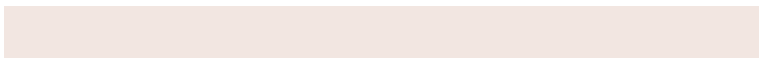
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4227, 80.8178, 86.5398



77.5831, 80.8178, 94.8983



78.4785, 80.8178, 82.8378

Complementary

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



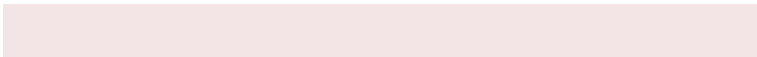
74.4227, 80.8178, 86.5398



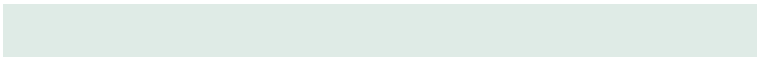
74.6552, 76.0411, 84.1454

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.



79.1883, 80.8178, 85.8222



74.4227, 80.8178, 86.5398



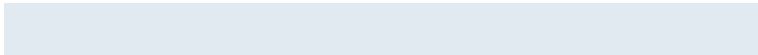
78.6674, 80.8178, 92.8127

Square

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



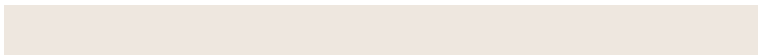
74.4227, 80.8178, 86.5398



76.3044, 80.8178, 95.1034



79.2578, 80.8178, 89.4702



77.3276, 80.8178, 81.2534

Rectangle

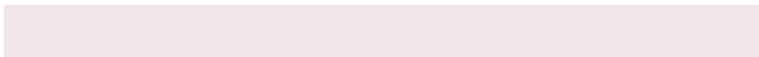
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



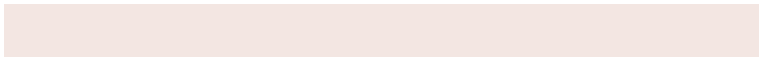
74.4227, 80.8178, 86.5398



74.8855, 80.8178, 92.4312



79.2578, 80.8178, 89.4702



78.7772, 80.8178, 83.7066

Sweetspot

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



74.4250, 80.8212, 86.5416



92.8581, 98.9093, 107.0206



75.0888, 81.2748, 81.5433



19.8984, 21.1821, 22.9266



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.



74.4250, 80.8212, 86.5416



88.6334, 96.8088, 103.3284



74.9094, 80.6492, 90.2200



15.7442, 17.2616, 18.3850



19.1137, 34.1000, 19.0958



1.5487, 2.6968, 1.7510

Inverse Universe

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



74.6552, 76.0411, 84.1454



88.9583, 90.0623, 99.9465



74.1847, 76.1958, 80.6106



15.8078, 15.9403, 17.7227



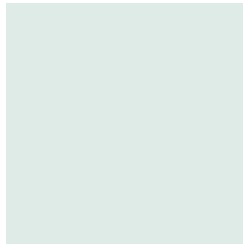
20.3540, 10.3443, 7.6652



1.6452, 0.8311, 0.8492

Previews

White Background



This preview shows how the XYZ color 74.4227, 80.8178, 86.5398 looks on a white background.

Color Contrast Check

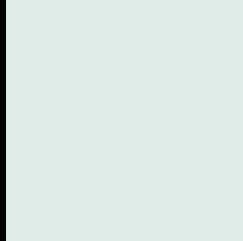
Large Text (above 18pt) WCAG AA × Fail

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 74.4227, 80.8178, 86.5398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

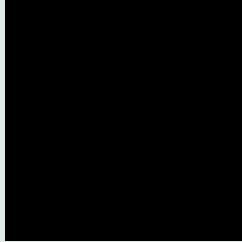
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

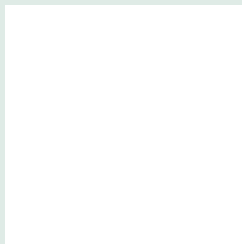
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4227, 80.8178, 86.5398

Background



This preview shows how black text looks on a background with the XYZ color 74.4227, 80.8178, 86.5398.



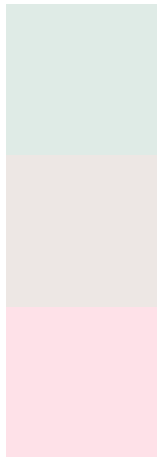
This preview shows how white text looks on a background with the XYZ color 74.4227, 80.8178,

86.5398.

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



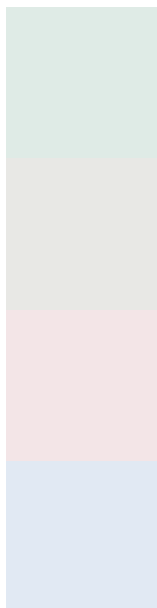
Original Color
74.4227, 80.8178, 86.5398
Protanopia
77.5046, 80.7578, 84.9017
Deuteranopia
82.3638, 80.7475, 87.5887



Tritanopia

77.4760, 80.7841, 101.9520

Trichromacy



Original Color

74.4227, 80.8178, 86.5398

Protanomaly

76.2782, 80.5262, 85.6516

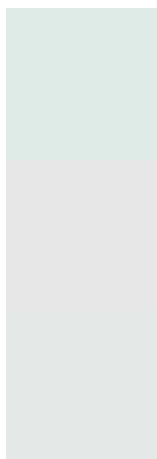
Deuteranomaly

79.4053, 80.8628, 87.0243

Tritanomaly

76.3679, 80.7564, 96.3566

Monochromacy



Original Color

74.4227, 80.8178, 86.5398

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2753, 79.9767, 87.0709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4227, 80.8178, 86.5398 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(223, 235, 230) looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 230)  
}
```

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(223, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.4227, 80.8178, 86.5398 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(223, 235, 230) }
```


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

```
.border{ border-color:rgb(223, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4227, 80.8178, 86.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 230) }
```

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

```
.background{ background-color: rgb(223,  
235, 230) }
```

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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