

Converting Colors

XYZ(74.1328, 80.8863, 86.3344)

Have a look what the booklet for
XYZ(74.1328, 80.8863, 86.3344)
contains.

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Color

**XYZ(74.4026, 81.2337,
86.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	DEECE6
RGB	222, 236, 230
RGB Percent	87%, 93%, 90%
CMY	0.1294, 0.0745, 0.0980
CMYK	0.06, 0.00, 0.03, 0.07
HSL	154°, 27%, 90%
HSV	154°, 6%, 93%
XYZ	74.4026, 81.2337, 86.6211
YIQ	231.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

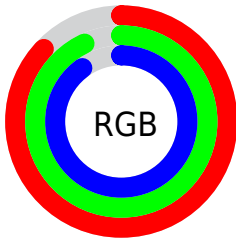
Format	Color
R _Y B	222, 231, 236
Decimal	14609638
CIE Lab	92.24, -5.72, 1.29
CIE LCh	92, 5.869, 167.254
Yxy	81.2337, 0.3071, 0.3353
Android (android.graphics.Color)	4292799718 (0xFFDEECE6)
YUV	231.1300, -0.5571, -8.0070
Hunter-Lab	90.1297, -10.3743, 6.1089

Details

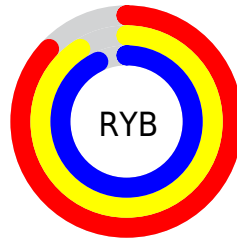
The XYZ color **74.4026, 81.2337, 86.6211** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.7200, 75.6790, 84.0721**, and the grayscale version is **76.0618, 80.0229, 87.1450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9955, 43.9532, 46.9333** is the 20% darker color. If you saturate the color by 10%, you get **66.2944, 77.2155, 79.0392**, and if you desaturate by 10%, it is **83.6097, 85.8134, 94.6884**.

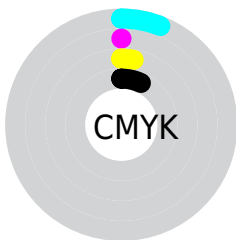
Distribution



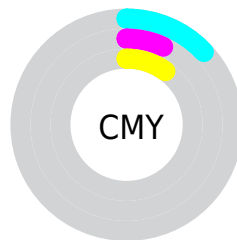
- Red (87%)
- Green (93%)
- Blue (90%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4026, 81.2337, 86.6211 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 74.4026, 81.2337, 86.6211 by changing the saturation by 10% instead.

■ 74.4026, 81.2337,
86.6211

■ 74.4026, 81.2337,
86.6211

464.8906,
499.0808, 537.2608

■ 55.4161, 60.7341,
64.6239

124.4588,
135.0989, 144.5301

■ 39.9701, 44.0106,
46.7067

156.2592,
169.2332, 181.2789

■ 27.6993, 30.6788,
32.4512

193.0615,
208.6813, 223.7821

■ 18.2384, 20.3544,
21.4387

235.2312,
253.8274, 272.4580

■ 11.2220, 12.6529,
13.2507

283.1336,
305.0560, 327.7253

■ 6.2848, 7.1900,
7.4686

337.1341,

■ 3.0613, 3.5812,

362.7516, 390.0025

3.6740

397.5980,
427.2983, 459.7082

■ 1.1863, 1.4422,
1.4483

■ 0.0955, 0.2475,
0.1789

■ 74.4026, 81.2337,
86.6211

■ 74.4026, 81.2337,
86.6211

■ 66.2944, 77.2155,
79.0392

■ 83.6097, 85.8134,
94.6884

■ 59.2351, 73.7264,
71.9280

■ 88.5297, 88.1711,
102.9911

■ 53.1808, 70.7461,
65.2799

■ 89.2870, 88.4740,
106.9790

■ 48.0818, 68.2494,
59.0848

■ 43.8841, 66.2083,
53.3323

■ 40.5279, 64.5925,
48.0116

■ 37.9460, 63.3672,
43.1112

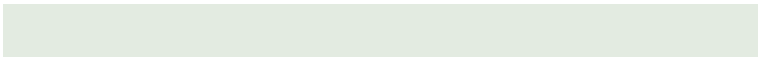
■ 36.0598, 62.4923,
38.6187

■ 34.7728, 61.9182,
34.5208

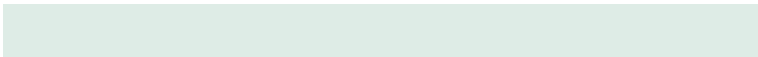
Harmonies

Analogous

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



75.0898, 81.2337, 82.9050



74.4026, 81.2337, 86.6211



74.4605, 81.2337, 90.9483

Triad

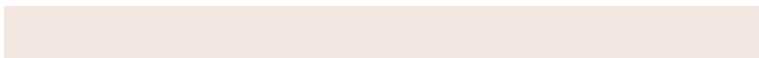
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4026, 81.2337, 86.6211



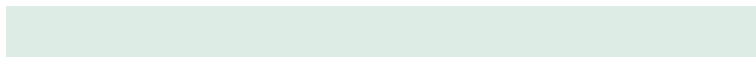
78.0778, 81.2337, 96.6618



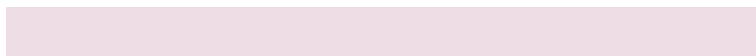
79.2051, 81.2337, 82.4612

Complementary

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



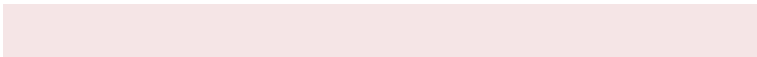
74.4026, 81.2337, 86.6211



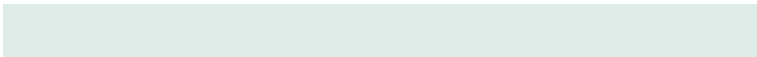
74.7200, 75.6790, 84.0721

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.



80.0268, 81.2337, 85.9972



74.4026, 81.2337, 86.6211



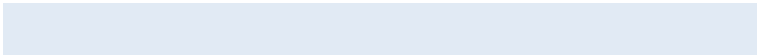
79.3701, 81.2337, 94.2362

Square

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



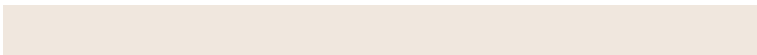
74.4026, 81.2337, 86.6211



76.5690, 81.2337, 96.8422



80.0875, 81.2337, 90.3038



77.8549, 81.2337, 80.5566

Rectangle

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



74.4026, 81.2337, 86.6211



74.9138, 81.2337, 93.5987



80.0875, 81.2337, 90.3038



79.5530, 81.2337, 83.4931

Sweetspot

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



74.4049, 81.2372, 86.6229



92.8484, 98.9055, 106.9698



75.1992, 81.7735, 80.9289



19.8965, 21.1813, 22.9163



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

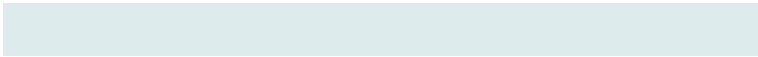
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4049, 81.2372, 86.6229



87.5773, 96.2872, 102.2463



74.9947, 81.0441, 91.0514



15.5667, 17.1740, 18.1991



19.0038, 34.0560, 18.5169



1.5403, 2.6934, 1.7070

Inverse Universe

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



74.7200, 75.6790, 84.0721



88.0190, 88.4958, 98.6708



74.1493, 75.8486, 79.8406



15.6514, 15.6786, 17.5128



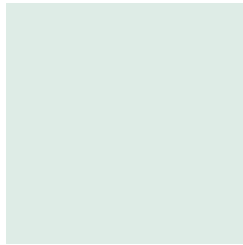
20.4294, 10.3744, 8.0625



1.6515, 0.8336, 0.8823

Previews

White Background



This preview shows how the XYZ color 74.4026, 81.2337, 86.6211 looks on a white background.

Color Contrast Check

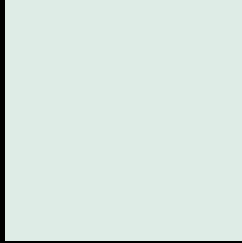
Large Text (above 18pt) WCAG AA × Fail

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 74.4026, 81.2337, 86.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

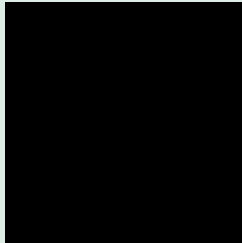
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

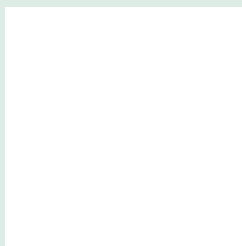
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4026, 81.2337, 86.6211

Background



This preview shows how black text looks on a background with the XYZ color 74.4026, 81.2337, 86.6211.



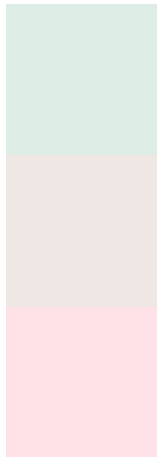
This preview shows how white text looks on a background with the XYZ color 74.4026, 81.2337,

86.6211.

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

74.4026, 81.2337, 86.6211

Protanopia

77.7009, 80.8750, 84.1882

Deuteranopia

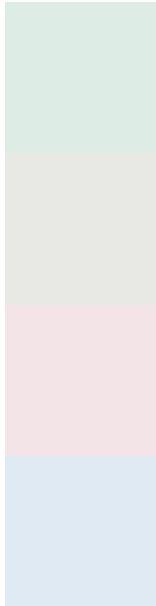
82.7307, 80.9366, 87.6059



Tritanopia

77.6028, 81.2504, 102.8596

Trichromacy



Original Color

74.4026, 81.2337, 86.6211

Protanomaly

76.4212, 81.0351, 85.0123

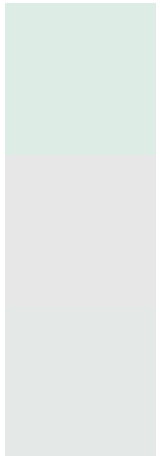
Deuteranomaly

79.4053, 80.8628, 87.0243

Tritanomaly

76.3410, 81.1640, 96.4366

Monochromacy



Original Color

74.4026, 81.2337, 86.6211

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5576, 80.5413, 87.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4026, 81.2337, 86.6211 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(222, 236, 230) looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 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(222, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.4026, 81.2337, 86.6211 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(222, 236, 230) }
```


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

```
.border{ border-color:rgb(222, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4026, 81.2337, 86.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 230) }
```

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

```
.background{ background-color: rgb(222,  
236, 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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