

Converting Colors

XYZ(74.6921, 80.6437, 88.3119)

Have a look what the booklet for
XYZ(74.6921, 80.6437, 88.3119)
contains.

XYZ(74.4197, 80.3598, 87.9326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4197, 80.3598,
87.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEAE8
RGB	223, 234, 232
RGB Percent	87%, 92%, 91%
CMY	0.1255, 0.0823, 0.0902
CMYK	0.05, 0.00, 0.01, 0.08
HSL	169°, 21%, 90%
HSV	169°, 5%, 92%
XYZ	74.4197, 80.3598, 87.9326
YIQ	230.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

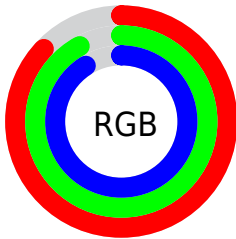
Format	Color
R _Y B	223, 229, 234
Decimal	14674664
CIE Lab	91.85, -4.01, -0.31
CIE LCh	92, 4.022, 184.381
Yxy	80.3598, 0.3066, 0.3311
Android (android.graphics.Color)	4292864744 (0xFFDFEAE8)
YUV	230.4830, 0.7479, -6.5626
Hunter-Lab	89.6436, -8.6905, 4.5922

Details

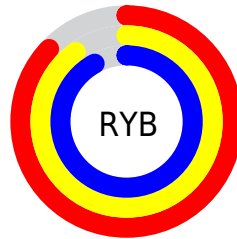
The XYZ color **74.4197, 80.3598, 87.9326** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9129, 75.7061, 81.9550**, and the grayscale version is **75.5713, 79.5069, 86.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9053, 43.3002, 47.3288** is the 20% darker color. If you saturate the color by 10%, you get **67.1049, 76.6602, 84.4702**, and if you desaturate by 10%, it is **82.7501, 84.5857, 91.5225**.

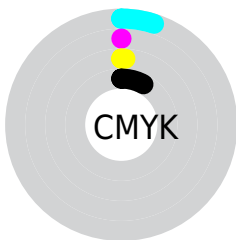
Distribution



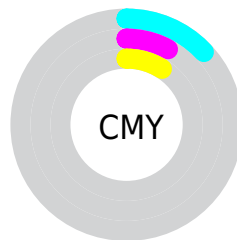
- Red (87%)
- Green (92%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4197, 80.3598, 87.9326 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 74.4197, 80.3598, 87.9326 by changing the saturation by 10% instead.

■ 74.4197, 80.3598,
87.9326

■ 74.4197, 80.3598,
87.9326

464.9486,
496.1446, 541.6781

■ 55.4301, 60.0145,
65.7032

124.4829,
133.8715, 146.3736

■ 39.9814, 43.4303,
47.5766

156.2872,
167.8066, 183.4224

■ 27.7082, 30.2229,
33.1341

193.0938,
207.0405, 226.2480

■ 18.2451, 20.0078,
21.9572

235.2681,
251.9575, 275.2690

■ 11.2269, 12.4007,
13.6275

283.1753,
302.9420, 330.9040

■ 6.2881, 7.0172,
7.7262

337.1809,

■ 3.0633, 3.4729,

360.3784, 393.5715

3.8350

397.6502,
424.6511, 463.6900

■ 1.1873, 1.3833,
1.5353

■ 0.0963, 0.2044,
0.2440

■ 74.4197, 80.3598,
87.9326

■ 74.4197, 80.3598,
87.9326

■ 67.1049, 76.6602,
84.4702

■ 82.7501, 84.5857,
91.5225

■ 60.7583, 73.4558,
81.1276


■ 86.4705, 86.4312,
94.9721


■ 55.3385, 70.7275,
77.9038


■ 87.1130, 86.6881,
98.3553


■ 50.7987, 68.4513,
74.7963


■ 87.7704, 86.9511,
101.8174


 47.0879, 66.6007,
71.8020


 88.4430, 87.2201,
105.3589

 44.1498, 65.1469,
68.9177

 88.7144, 87.3287,
106.7881

 41.9210, 64.0571,
66.1400

 40.3279, 63.2933,
63.4648

 39.2801, 62.8092,
60.8873

Harmonies

Analogous

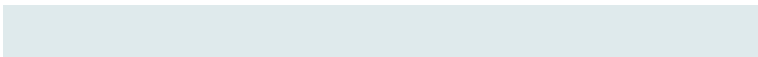
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6057, 80.3598, 85.0658



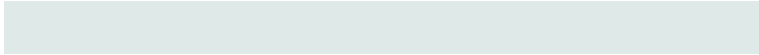
74.4197, 80.3598, 87.9326



74.7549, 80.3598, 90.7439

Triad

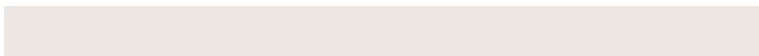
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4197, 80.3598, 87.9326



77.5047, 80.3598, 92.2686



77.2401, 80.3598, 82.4774

Complementary

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



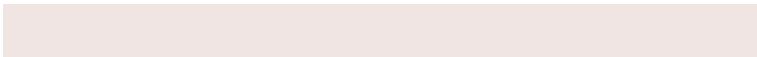
74.4197, 80.3598, 87.9326



73.9129, 75.7061, 81.9550

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.



78.0276, 80.3598, 84.3307



74.4197, 80.3598, 87.9326



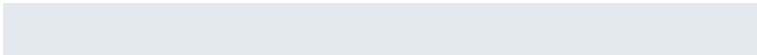
78.1813, 80.3598, 89.9764

Square

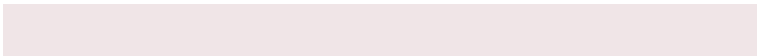
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



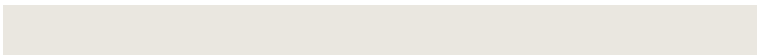
74.4197, 80.3598, 87.9326



76.5311, 80.3598, 93.2828



78.3736, 80.3598, 87.0652



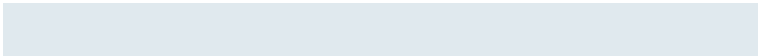
76.2282, 80.3598, 81.9577

Rectangle

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



74.4197, 80.3598, 87.9326



75.2307, 80.3598, 92.1957



78.3736, 80.3598, 87.0652



77.5401, 80.3598, 82.9630

Sweetspot

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



74.4220, 80.3632, 87.9344



94.0434, 99.4897, 108.4631



73.8011, 80.1871, 81.4011



20.1398, 21.3003, 23.2202



0.0000, 0.0000, 0.0000



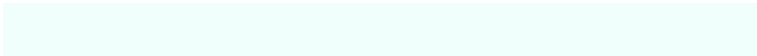
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4220, 80.3632, 87.9344



89.1980, 97.0347, 106.3017



73.7259, 78.5130, 89.1147



15.8550, 17.3059, 18.9683



21.8858, 35.2088, 33.6935



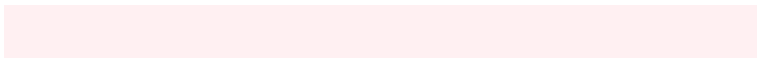
1.7492, 2.7770, 2.8069

Inverse Universe

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



73.9129, 75.7061, 81.9550



88.4120, 89.8437, 97.0694



74.5817, 77.4786, 80.8371



15.7010, 15.8976, 17.1602



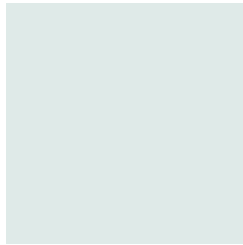
19.3418, 9.9394, 2.3356



1.5507, 0.7932, 0.3514

Previews

White Background



This preview shows how the XYZ color 74.4197, 80.3598, 87.9326 looks on a white background.

Color Contrast Check

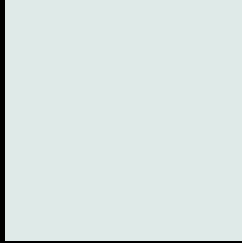
Large Text (above 18pt) WCAG AA × Fail

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 74.4197, 80.3598, 87.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

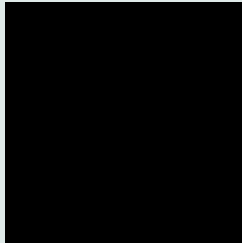
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

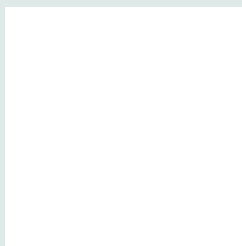
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4197, 80.3598, 87.9326

Background



This preview shows how black text looks on a background with the XYZ color 74.4197, 80.3598, 87.9326.



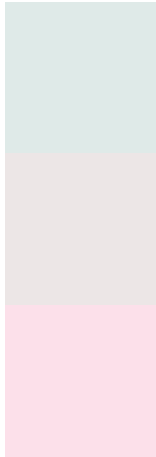
This preview shows how white text looks on a background with the XYZ color 74.4197, 80.3598,

87.9326.

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

74.4197, 80.3598, 87.9326

Protanopia

77.1718, 80.1397, 86.2640

Deuteranopia

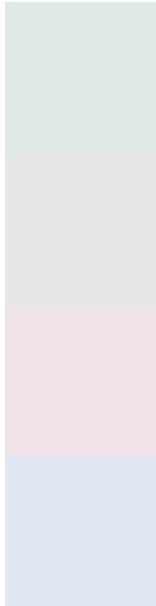
81.6518, 79.9473, 88.9698



Tritanopia

77.1953, 80.2227, 101.8584

Trichromacy



Original Color

74.4197, 80.3598, 87.9326

Protanomaly

75.9547, 79.9103, 87.0223

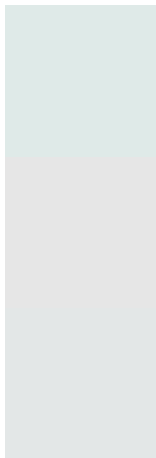
Deuteranomaly

78.7270, 80.0708, 88.3966

Tritanomaly

76.0856, 80.1918, 96.2625

Monochromacy



Original Color

74.4197, 80.3598, 87.9326

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6783, 79.2522, 86.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4197, 80.3598, 87.9326 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, 234, 232) looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 232)  
}
```

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, 234, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.4197, 80.3598, 87.9326 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, 234, 232) }
```


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

```
.border{ border-color:rgb(223, 234, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4197, 80.3598, 87.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 232) }
```

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

```
.background{ background-color: rgb(223,  
234, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor