

Converting Colors

XYZ(74.8581, 80.4997, 91.5751)

Have a look what the booklet for
XYZ(74.8581, 80.4997, 91.5751)
contains.

XYZ(74.8331, 80.4897, 91.7127)	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(74.8331, 80.4897,
91.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEAED
RGB	222, 234, 237
RGB Percent	87%, 92%, 93%
CMY	0.1294, 0.0823, 0.0706
CMYK	0.06, 0.01, 0.00, 0.07
HSL	192°, 29%, 90%
HSV	192°, 6%, 93%
XYZ	74.8331, 80.4897, 91.7127
YIQ	230.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

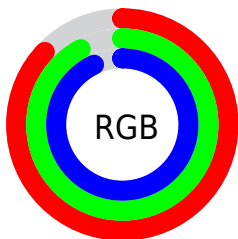
Format	Color
R _Y B	222, 229, 237
Decimal	14609133
CIE Lab	91.90, -3.41, -2.84
CIE LCh	92, 4.436, 219.783
Yxy	80.4897, 0.3029, 0.3258
Android (android.graphics.Color)	4292799213 (0xFFDEEAED)
YUV	230.7540, 3.0793, -7.6773
Hunter-Lab	89.7161, -8.1144, 2.1917

Details

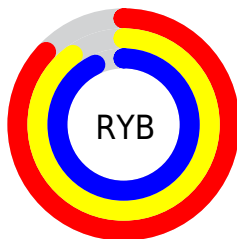
The XYZ color **74.8331, 80.4897, 91.7127** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0353, 77.1282, 80.0410**, and the grayscale version is **75.7569, 79.7022, 86.7956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1972, 43.3925, 49.9730** is the 20% darker color. If you saturate the color by 10%, you get **66.7490, 74.3502, 90.9550**, and if you desaturate by 10%, it is **83.9782, 87.2341, 92.5337**.

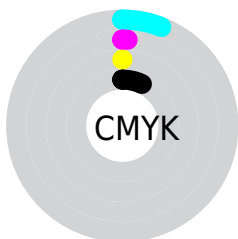
Distribution



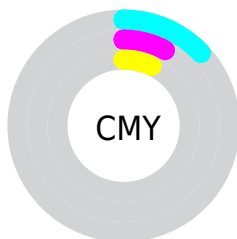
- Red (87%)
- Green (92%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8331, 80.4897, 91.7127 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 74.8331, 80.4897, 91.7127 by changing the saturation by 10% instead.

■ 74.8331, 80.4897,
91.7127

■ 74.8331, 80.4897,
91.7127

466.3497,
496.5816, 554.2998

■ 55.7699, 60.1214,
68.8203

125.0653,
134.0540, 151.6714

■ 40.2547, 43.5165,
50.0946

156.9649,
168.0188, 189.5748

■ 27.9223, 30.2906,
35.1168

193.8740,
207.2846, 233.3189

■ 18.4072, 20.0593,
23.4686

236.1580,
252.2357, 283.3223

■ 11.3442, 12.4381,
14.7314

284.1822,
303.2566, 340.0036

■ 6.3679, 7.0428,
8.4865

338.3120,

■ 3.1128, 3.4889,

360.7316, 403.7812

4.3156

398.9127,
425.0451, 475.0738

■ 1.2137, 1.3920,
1.8000

■ 0.1171, 0.2108,
0.4280

■ 74.8331, 80.4897,
91.7127

■ 74.8331, 80.4897,
91.7127

■ 66.7490, 74.3502,
90.9550

■ 83.9782, 87.2341,
92.5337

■ 59.6764, 68.7829,
90.2531

■ 88.7188, 91.7596,
93.1574

■ 53.5720, 63.7674,
89.6068

■ 90.1576, 94.6372,
93.6370

■ 48.3867, 59.2780,
89.0135

■ 91.6332, 97.5884,
94.1289

■ 44.0668, 55.2865,
88.4708

■ 92.2863, 98.8945,
94.3465

■ 40.5530, 51.7619,
87.9757

■ 37.7783, 48.6692,
87.5250

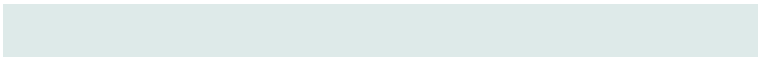
■ 35.6643, 45.9676,
87.1149

■ 34.1130, 43.6062,
86.7409

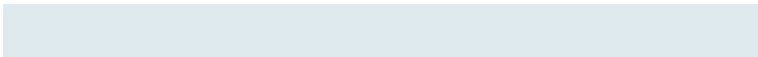
Harmonies

Analogous

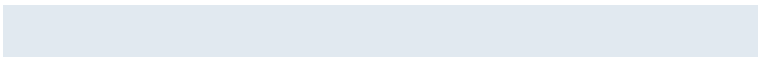
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3660, 80.4897, 88.7091



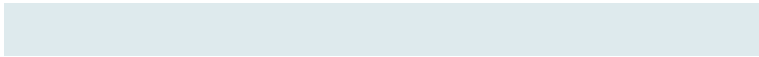
74.8331, 80.4897, 91.7127



75.7490, 80.4897, 93.6553

Triad

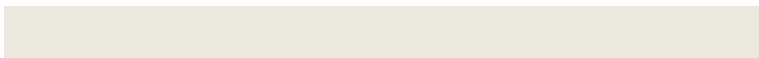
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8331, 80.4897, 91.7127



78.5757, 80.4897, 89.8241



76.1317, 80.4897, 81.6055

Complementary

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



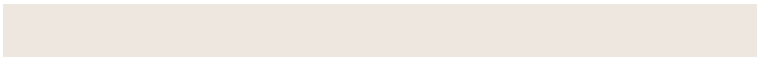
74.8331, 80.4897, 91.7127



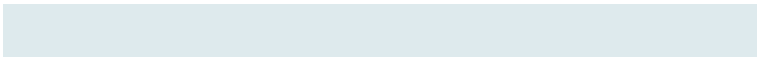
75.0353, 77.1282, 80.0410

Split Complementary

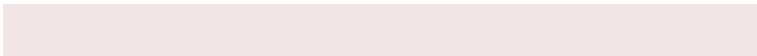
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2620, 80.4897, 81.8872



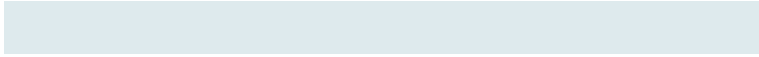
74.8331, 80.4897, 91.7127



78.6806, 80.4897, 86.5787

Square

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



74.8331, 80.4897, 91.7127



77.9123, 80.4897, 92.5462



78.1977, 80.4897, 83.6889



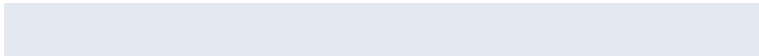
75.1108, 80.4897, 82.9095

Rectangle

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



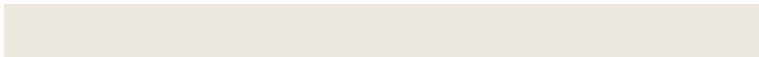
74.8331, 80.4897, 91.7127



76.4947, 80.4897, 94.0595



78.1977, 80.4897, 83.6889



76.5114, 80.4897, 81.5186

Sweetspot

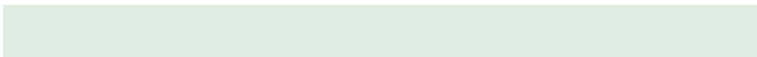
The Sweet Spot groups the original color and five complimentary colors.



74.8354, 80.4931, 91.7145



92.8744, 98.3973, 108.7053



73.9662, 81.5219, 82.8936



19.9018, 21.0779, 23.2695



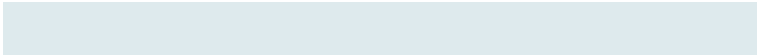
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.8354, 80.4931, 91.7145



86.6528, 93.7617, 108.1385



72.8123, 76.4469, 91.0401



15.2473, 16.5810, 19.3191



18.4535, 23.5539, 47.3167



1.5139, 1.9792, 3.7371

Inverse Universe

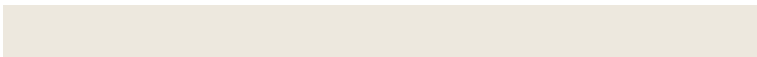
The Inverse Universe completely reimagines the original color for something new.



75.8994, 76.1891, 88.5516



88.2347, 87.4082, 103.4259



77.0382, 81.1338, 80.7086



15.5784, 15.2592, 18.3309



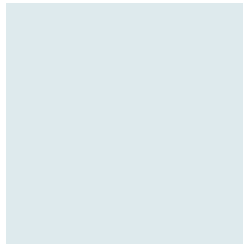
24.1698, 11.8706, 27.7590



1.9306, 0.9452, 2.3521

Previews

White Background



This preview shows how the XYZ color 74.8331, 80.4897, 91.7127 looks on a white background.

Color Contrast Check

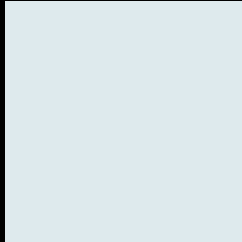
Large Text (above 18pt) WCAG AA × Fail

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 74.8331, 80.4897, 91.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

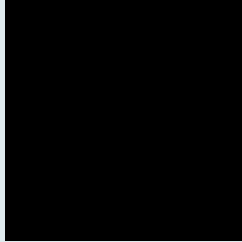
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

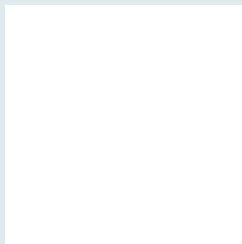
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8331, 80.4897, 91.7127

Background



This preview shows how black text looks on a background with the XYZ color 74.8331, 80.4897, 91.7127.



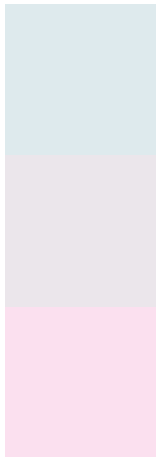
This preview shows how white text looks on a background with the XYZ color 74.8331, 80.4897,

91.7127.

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

74.8331, 80.4897, 91.7127

Protanopia

77.5532, 80.2540, 90.0003

Deuteranopia

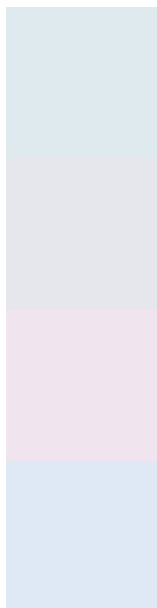
82.0193, 80.0525, 92.7902



Tritanopia

76.8524, 80.4626, 101.9228

Trichromacy



Original Color

74.8331, 80.4897, 91.7127

Protanomaly

76.3494, 80.0310, 90.7804

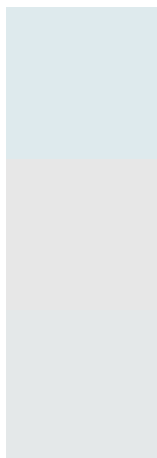
Deuteranomaly

79.1112, 80.1851, 92.1966

Tritanomaly

76.0518, 80.5584, 97.9272

Monochromacy



Original Color

74.8331, 80.4897, 91.7127

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5595, 80.0904, 88.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8331, 80.4897, 91.7127 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, 234, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 234, 237)  
}
```

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, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 234, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.8331, 80.4897, 91.7127 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, 234, 237) }
```


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

```
.border{ border-color:rgb(222, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 234,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8331, 80.4897, 91.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 234, 237) }
```

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

```
.background{ background-color: rgb(222,  
234, 237) }
```

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