

Converting Colors

XYZ(74.0233, 80.3796, 82.6658)

Have a look what the booklet for
XYZ(74.0233, 80.3796, 82.6658)
contains.

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Color

**XYZ(74.0648, 80.2894,
82.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EAE1
RGB	225, 234, 225
RGB Percent	88%, 92%, 88%
CMY	0.1176, 0.0823, 0.1176
CMYK	0.04, 0.00, 0.04, 0.08
HSL	120°, 18%, 90%
HSV	120°, 4%, 92%
XYZ	74.0648, 80.2894, 82.8279
YIQ	230.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

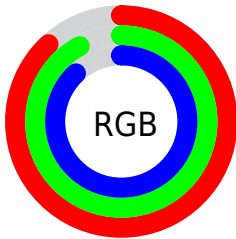
Format	Color
R _Y B	225, 234, 234
Decimal	14805729
CIE Lab	91.81, -4.61, 3.31
CIE LCh	92, 5.677, 144.275
Yxy	80.2894, 0.3123, 0.3385
Android (android.graphics.Color)	4292995809 (0xFFE1EAE1)
YUV	230.2830, -2.6045, -4.6332
Hunter-Lab	89.6044, -9.2638, 7.9169

Details

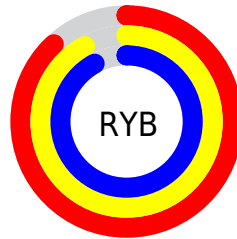
The XYZ color **74.0648, 80.2894, 82.8279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7111, 77.2854, 88.7731**, and the grayscale version is **75.4452, 79.3743, 86.4386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7537, 43.2891, 44.2906** is the 20% darker color. If you saturate the color by 10%, you get **64.2872, 75.5951, 66.8328**, and if you desaturate by 10%, it is **85.2842, 85.6810, 101.1776**.

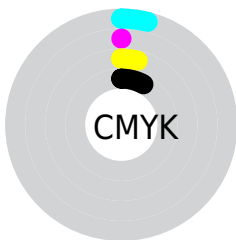
Distribution



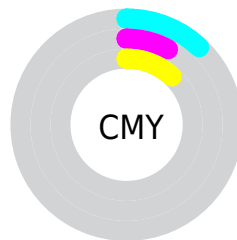
- Red (88%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0648, 80.2894, 82.8279 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 74.0648, 80.2894, 82.8279 by changing the saturation by 10% instead.

■ 74.0648, 80.2894,
82.8279

■ 74.0648, 80.2894,
82.8279

463.7438,
495.9076, 524.3687

■ 55.1385, 59.9565,
61.5084

123.9827,
133.7725, 139.1815

■ 39.7469, 43.3836,
44.2024

155.7050,
167.6916, 175.0526

■ 27.5246, 30.1862,
30.4913

192.4234,
206.9082, 216.6114

■ 18.1062, 19.9800,
19.9566

234.5032,
251.8066, 264.2764

■ 11.1264, 12.3805,
12.1797

282.3098,
302.7714, 318.4660

■ 6.2199, 7.0034,
6.7422

336.2085,

■ 3.0212, 3.4642,

360.1869, 379.5990

3.2254

396.5648,
424.4375, 448.0937

■ 1.1650, 1.3786,
1.2108

■ 0.0784, 0.2009,
0.0000

■ 74.0648, 80.2894,
82.8279

■ 74.0648, 80.2894,
82.8279

■ 64.2872, 75.5951,
66.8328

■ 85.2842, 85.6810,
101.1776

■ 55.8867, 71.5599,
53.0920

■ 88.7143, 87.3287,
106.7881

■ 48.8033, 68.1574,
41.5059

■ 42.9705, 65.3556,
31.9651

■ 38.3154, 63.1195,
24.3509

■ 34.7582, 61.4108,
18.5325

■ 32.2088, 60.1862,
14.3624

■ 30.5629, 59.3956,
11.6703

■ 29.6937, 58.9781,
10.2486

Harmonies

Analogous

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



75.1687, 80.2894, 80.3219



74.0648, 80.2894, 82.8279



73.5638, 80.2894, 86.6250

Triad

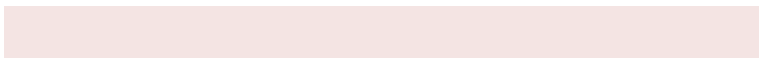
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0648, 80.2894, 82.8279



76.0340, 80.2894, 95.6352



78.8904, 80.2894, 84.1700

Complementary

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



74.0648, 80.2894, 82.8279



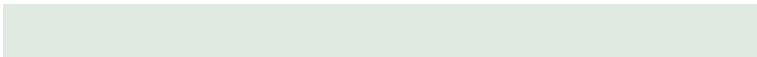
75.7111, 77.2854, 88.7731

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.



79.1292, 80.2894, 88.2229



74.0648, 80.2894, 82.8279



77.4681, 80.2894, 94.9276

Square

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



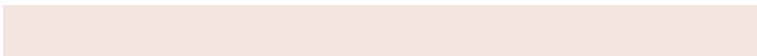
74.0648, 80.2894, 82.8279



74.6914, 80.2894, 94.0860



78.6056, 80.2894, 92.1819



77.9572, 80.2894, 81.0794

Rectangle

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



74.0648, 80.2894, 82.8279



73.6344, 80.2894, 89.4112



78.6056, 80.2894, 92.1819



79.0551, 80.2894, 85.4615

Sweetspot

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



74.0670, 80.2928, 82.8297



93.7102, 99.3564, 106.7084



76.9059, 81.6929, 82.9503



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



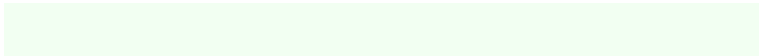
20.3446, 21.4041, 23.3091

Same Dimension

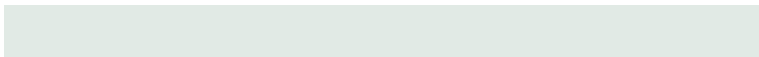
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0670, 80.2928, 82.8297



88.5285, 96.8674, 98.2327



74.6685, 80.5334, 85.9968



15.6881, 17.2559, 17.3306



16.5341, 33.0681, 5.5113



1.2983, 2.5966, 0.4328

Inverse Universe

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



75.7111, 77.2854, 88.7731



91.1165, 92.1332, 107.5889



75.0934, 77.0384, 85.5201



16.2093, 16.3026, 19.2147



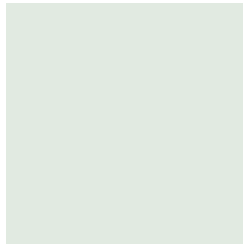
27.4130, 13.1678, 44.8398



2.1526, 1.0340, 3.5210

Previews

White Background



This preview shows how the XYZ color 74.0648, 80.2894, 82.8279 looks on a white background.

Color Contrast Check

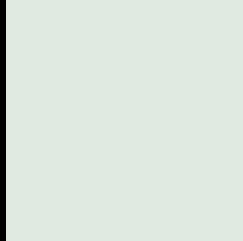
Large Text (above 18pt) WCAG AA × Fail

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 74.0648, 80.2894, 82.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

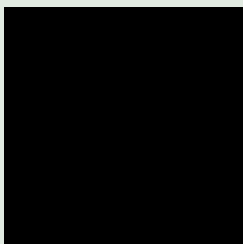
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

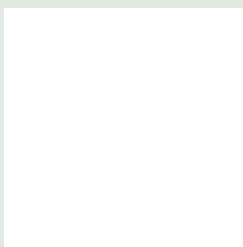
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0648, 80.2894, 82.8279

Background



This preview shows how black text looks on a background with the XYZ color 74.0648, 80.2894, 82.8279.



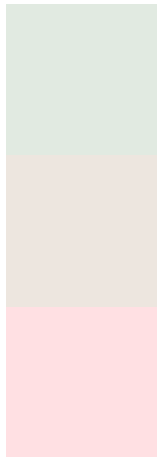
This preview shows how white text looks on a background with the XYZ color 74.0648, 80.2894,

82.8279.

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

74.0648, 80.2894, 82.8279

Protanopia

76.5411, 79.9259, 81.2051

Deuteranopia

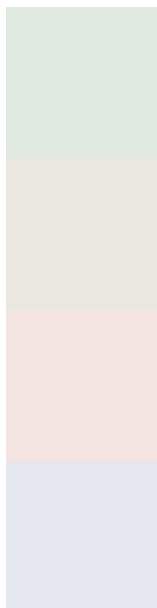
81.7608, 80.1174, 83.8280



Tritanopia

77.7088, 80.0912, 100.9860

Trichromacy



Original Color

74.0648, 80.2894, 82.8279

Protanomaly

75.6347, 79.8573, 81.9486

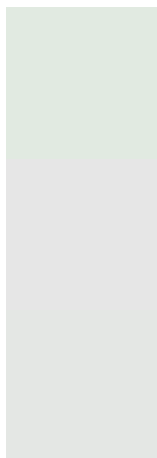
Deuteranomaly

78.7791, 80.2109, 83.2817

Tritanomaly

76.2990, 79.9371, 93.8461

Monochromacy



Original Color

74.0648, 80.2894, 82.8279

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5744, 79.2472, 84.7645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0648, 80.2894, 82.8279 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(225, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 225)  
}
```

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(225, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.0648, 80.2894, 82.8279 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(225, 234, 225) }
```


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

```
.border{ border-color:rgb(225, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 234,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0648, 80.2894, 82.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 234, 225) }
```

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

```
.background{ background-color: rgb(225,  
234, 225) }
```

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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