

Converting Colors

XYZ(74.7716, 79.2932, 84.8570)

Have a look what the booklet for
XYZ(74.7716, 79.2932, 84.8570)
contains.

XYZ(74.8926, 79.4113, 84.7794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(74.8926, 79.4113,
84.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E7E4
RGB	229, 231, 228
RGB Percent	90%, 91%, 89%
CMY	0.1020, 0.0941, 0.1059
CMYK	0.01, 0.00, 0.01, 0.09
HSL	100°, 6%, 90%
HSV	100°, 1%, 91%
XYZ	74.8926, 79.4113, 84.7794
YIQ	230.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

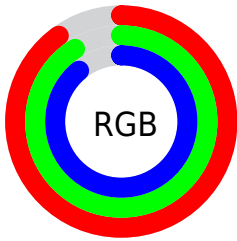
Format	Color
R _Y B	228, 231, 230
Decimal	15067108
CIE Lab	91.42, -1.20, 1.21
CIE LCh	91, 1.706, 134.728
Yxy	79.4113, 0.3132, 0.3321
Android (android.graphics.Color)	4293257188 (0xFFE5E7E4)
YUV	230.0600, -1.0156, -0.9296
Hunter-Lab	89.1130, -5.9323, 5.9724

Details

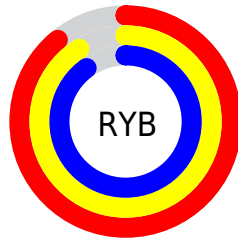
The XYZ color **74.8926, 79.4113, 84.7794** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8034, 78.0814, 86.7341**, and the grayscale version is **75.2675, 79.1873, 86.2350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3284, 42.6757, 45.6469** is the 20% darker color. If you saturate the color by 10%, you get **67.1970, 75.7924, 68.7827**, and if you desaturate by 10%, it is **83.4579, 83.4335, 103.0568**.

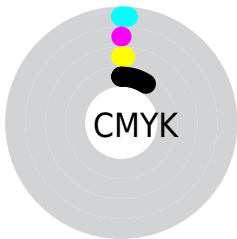
Distribution



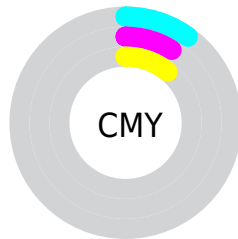
- Red (90%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8926, 79.4113, 84.7794 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 74.8926, 79.4113, 84.7794 by changing the saturation by 10% instead.

■ 74.8926, 79.4113,
84.7794

■ 74.8926, 79.4113,
84.7794

466.5512,
492.9467, 531.0234

■ 55.8188, 59.2340,
63.1100

125.1490,
132.5377, 141.9363

■ 40.2941, 42.8015,
45.4886

157.0624,
166.2557, 178.2610

■ 27.9531, 29.7294,
31.4967

193.9862,
205.2560, 220.3078

■ 18.4306, 19.6333,
20.7158

236.2860,
249.9231, 268.4953

■ 11.3611, 12.1288,
12.7272

284.3270,
300.6413, 323.2421

■ 6.3794, 6.8314,
7.1124

338.4747,

■ 3.1199, 3.3569,

357.7950, 384.9667

3.4530

399.0943,
421.7687, 454.0876

■ 1.2175, 1.3208,
1.3303

■ 0.1201, 0.1572,
0.0865

■ 74.8926, 79.4113,
84.7794

■ 74.8926, 79.4113,
84.7794

■ 67.1970, 75.7924,
68.7827

■ 83.4579, 83.4335,
103.0568

■ 60.3361, 72.5541,
54.9722

■ 87.8675, 85.6349,
106.5058

■ 54.2825, 69.6864,
43.2544

■ 49.0045, 67.1754,
33.5269

■ 44.4683, 65.0059,
25.6789

■ 40.6374, 63.1618,
19.5887

■ 37.4717, 61.6255,
15.1203

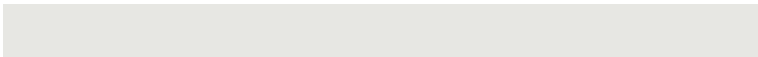
■ 34.9265, 60.3772,
12.1177

■ 32.9500, 59.3944,
10.3940

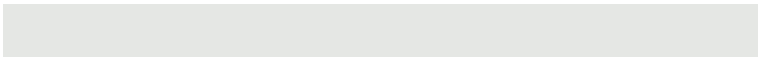
Harmonies

Analogous

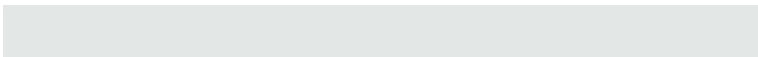
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2662, 79.4113, 84.1757



74.8926, 79.4113, 84.7794



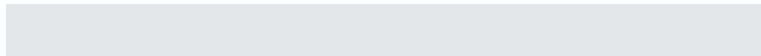
74.6763, 79.4113, 85.8377

Triad

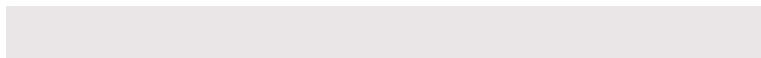
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8926, 79.4113, 84.7794



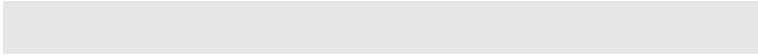
75.2586, 79.4113, 88.7903



76.2876, 79.4113, 85.8595

Complementary

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



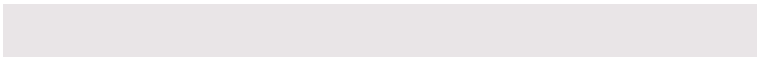
74.8926, 79.4113, 84.7794



74.8034, 78.0814, 86.7341

Split Complementary

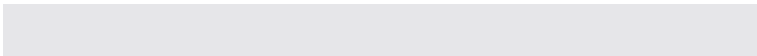
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2855, 79.4113, 87.0961



74.8926, 79.4113, 84.7794



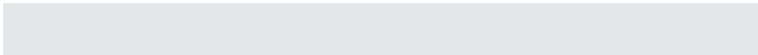
75.6903, 79.4113, 88.7963

Square

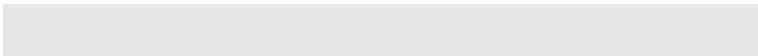
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



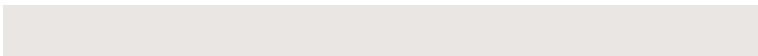
74.8926, 79.4113, 84.7794



74.8870, 79.4113, 88.1574



76.0666, 79.4113, 88.1736



76.0722, 79.4113, 84.7952

Rectangle

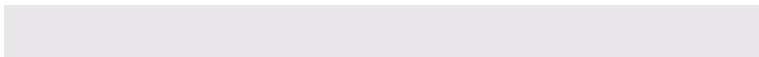
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8926, 79.4113, 84.7794



74.6499, 79.4113, 86.6625



76.0666, 79.4113, 88.1736



76.3124, 79.4113, 86.2687

Sweetspot

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



74.8948, 79.4147, 84.7811

95.0500, 100.0000, 108.9000



75.2586, 79.1874, 84.7181



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



74.8948, 79.4147, 84.7811



92.9989, 99.0362, 104.5746



74.6463, 79.2786, 85.1329



15.8905, 16.9098, 17.8888



17.8483, 32.9826, 5.4256



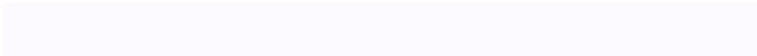
1.4146, 2.4866, 0.4054

Inverse Universe

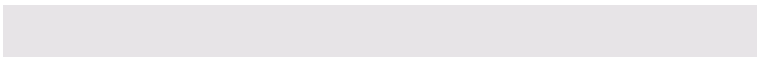
The Inverse Universe completely reimagines the original color for something new.



74.8034, 78.0814, 86.7341



92.8228, 96.4685, 108.3357



75.0546, 78.2191, 86.3772



15.8623, 16.4975, 18.4926



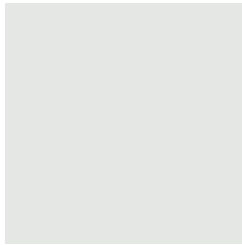
15.7058, 7.1625, 42.9379



1.2580, 0.5795, 3.1775

Previews

White Background



This preview shows how the XYZ color 74.8926, 79.4113, 84.7794 looks on a white background.

Color Contrast Check

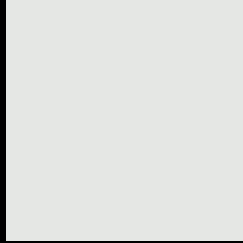
Large Text (above 18pt) WCAG AA × Fail

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 74.8926, 79.4113, 84.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

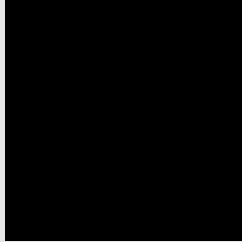
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

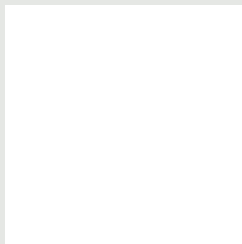
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8926, 79.4113, 84.7794

Background



This preview shows how black text looks on a background with the XYZ color 74.8926, 79.4113, 84.7794.



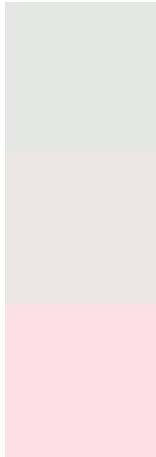
This preview shows how white text looks on a background with the XYZ color 74.8926, 79.4113,

84.7794.

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

74.8926, 79.4113, 84.7794

Protanopia

76.1454, 79.2468, 83.9559

Deuteranopia

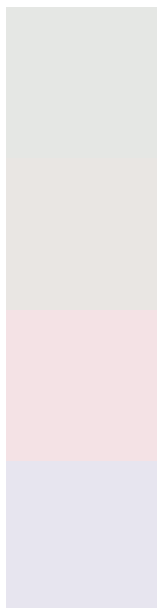
81.1786, 79.3712, 85.9045



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

74.8926, 79.4113, 84.7794

Protanomaly

75.7662, 79.4633, 84.0177

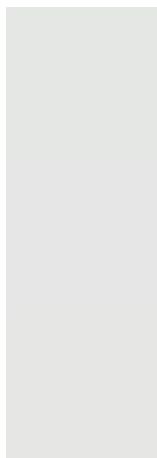
Deuteranomaly

78.6474, 79.2830, 85.2867

Tritanomaly

76.5543, 79.2595, 92.9251

Monochromacy



Original Color

74.8926, 79.4113, 84.7794

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0728, 79.0738, 85.4347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8926, 79.4113, 84.7794 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(229, 231, 228) looks like.

```
.text, #text, p{  
    color:rgb(229, 231, 228)  
}
```

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(229, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.8926, 79.4113, 84.7794 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(229, 231, 228) }
```

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

```
.border{ border-color:rgb(229, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 231,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 74.8926, 79.4113, 84.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 231, 228) }
```

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

```
.background{ background-color: rgb(229,  
231, 228) }
```

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