

Converting Colors

XYZ(74.3061, 79.5890, 81.9669)

Have a look what the booklet for
XYZ(74.3061, 79.5890, 81.9669)
contains.

XYZ(74.3061, 79.5890, 81.9669)	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(74.3061, 79.5890,
81.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E8E0
RGB	228, 232, 224
RGB Percent	89%, 91%, 88%
CMY	0.1059, 0.0902, 0.1216
CMYK	0.02, 0.00, 0.03, 0.09
HSL	90°, 15%, 89%
HSV	90°, 3%, 91%
XYZ	74.3061, 79.5890, 81.9669
YIQ	229.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

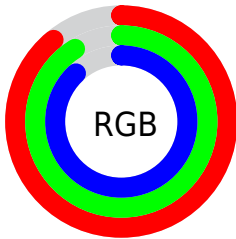
Format	Color
R_YB	224, 232, 228
Decimal	15001824
CIE _{Lab}	91.50, -2.75, 3.41
CIE _{LCh}	92, 4.381, 128.948
Yxy	79.5890, 0.3150, 0.3374
Android (android.graphics.Color)	4293191904 (0xFFE4E8E0)
YUV	229.8920, -2.9048, -1.6593
Hunter-Lab	89.2127, -7.4478, 7.9743

Details

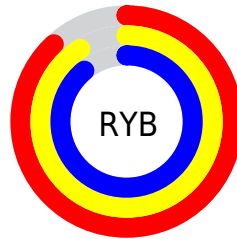
The XYZ color **74.3061, 79.5890, 81.9669** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.2190, 75.6336, 87.0877**, and the grayscale version is **75.1566, 79.0706, 86.1078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9203, 42.7995, 43.6932** is the 20% darker color. If you saturate the color by 10%, you get **67.8133, 76.5832, 66.3437**, and if you desaturate by 10%, it is **81.4800, 82.9008, 99.8664**.

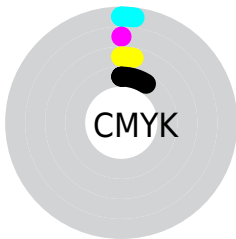
Distribution



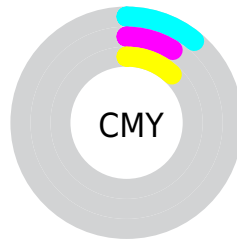
- Red (89%)
- Green (91%)
- Blue (88%)



- Red (88%)
- Yellow (91%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3061, 79.5890, 81.9669 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 74.3061, 79.5890, 81.9669 by changing the saturation by 10% instead.

■ 74.3061, 79.5890,
81.9669

■ 74.3061, 79.5890,
81.9669

464.5632,
493.5467, 521.4175

■ 55.3368, 59.3802,
60.8026

124.3228,
132.7877, 137.9638

■ 39.9063, 42.9193,
43.6364

156.1009,
166.5465, 173.6336

■ 27.6494, 29.8218,
30.0496

192.8793,
205.5906, 214.9755

■ 18.2006, 19.7033,
19.6239

235.0233,
250.3046, 262.4082

■ 11.1947, 12.1796,
11.9406

282.8984,
301.0728, 316.3502

■ 6.2662, 6.8661,
6.5812

336.8698,

■ 3.0498, 3.3785,

358.2796, 377.2201

3.1271

397.3029,
422.3094, 445.4363

■ 1.1802, 1.3324,
1.1599

■ 0.0906, 0.1661,
0.0000

■ 74.3061, 79.5890,
81.9669

■ 74.3061, 79.5890,
81.9669

■ 67.8133, 76.5832,
66.3437

■ 81.4800, 82.9008,
99.8664

■ 61.9728, 73.8638,
52.9004

■ 86.7688, 85.4852,
106.5348

■ 56.7634, 71.4243,
41.5414

■ 88.1481, 86.1963,
106.5994

■ 52.1602, 69.2541,
32.1620

■ 48.1363, 67.3418,
24.6483

■ 44.6624, 65.6752,
18.8750

■ 41.7062, 64.2405,
14.7013

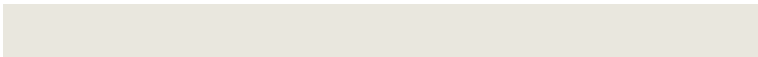
■ 39.2308, 63.0224,
11.9644

■ 37.1927, 62.0028,
10.4668

Harmonies

Analogous

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



75.3137, 79.5890, 80.7290



74.3061, 79.5890, 81.9669



73.6620, 79.5890, 84.4701

Triad

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



74.3061, 79.5890, 81.9669



74.8788, 79.5890, 92.5215



77.7865, 79.5890, 85.7066

Complementary

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



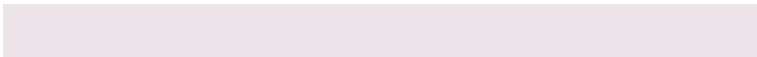
74.3061, 79.5890, 81.9669



73.2190, 75.6336, 87.0877

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.



77.6672, 79.5890, 88.8852



74.3061, 79.5890, 81.9669



75.9812, 79.5890, 92.8723

Square

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



74.3061, 79.5890, 81.9669



73.9904, 79.5890, 90.5796



77.0038, 79.5890, 91.5266



77.3281, 79.5890, 82.8530

Rectangle

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



74.3061, 79.5890, 81.9669



73.5218, 79.5890, 86.5461



77.0038, 79.5890, 91.5266



77.8127, 79.5890, 86.7718

Sweetspot

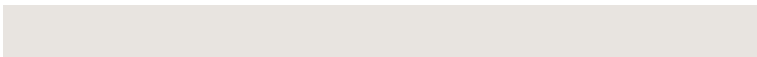
The Sweet Spot groups the original color and five complimentary colors.



74.3083, 79.5924, 81.9686



94.1743, 99.5957, 106.7302



74.4796, 78.0274, 81.6575



20.1664, 21.3218, 22.8675



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.



74.3083, 79.5924, 81.9686



91.5985, 98.4054, 100.3926



73.0539, 78.9458, 81.9099



15.5301, 16.7458, 16.8853



20.1597, 34.1742, 5.5338



1.5969, 2.5806, 0.4139

Inverse Universe

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



73.2190, 75.6336, 87.0877



90.0314, 92.7099, 107.7574



74.5028, 76.2954, 87.1477



15.2173, 15.6091, 18.3551



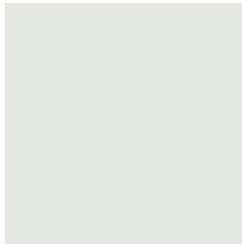
12.2343, 5.3729, 42.7754



1.0112, 0.4523, 3.1660

Previews

White Background



This preview shows how the XYZ color 74.3061, 79.5890, 81.9669 looks on a white background.

Color Contrast Check

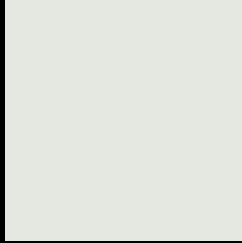
Large Text (above 18pt) WCAG AA × Fail

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 74.3061, 79.5890, 81.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

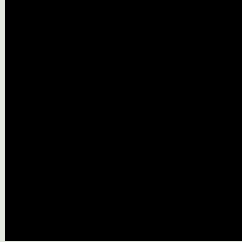
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

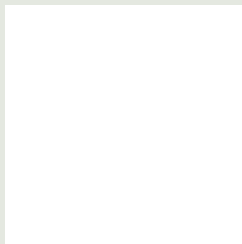
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3061, 79.5890, 81.9669

Background



This preview shows how black text looks on a background with the XYZ color 74.3061, 79.5890, 81.9669.



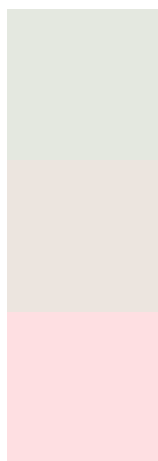
This preview shows how white text looks on a background with the XYZ color 74.3061, 79.5890,

81.9669.

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

74.3061, 79.5890, 81.9669

Protanopia

75.9307, 79.1992, 81.0970

Deuteranopia

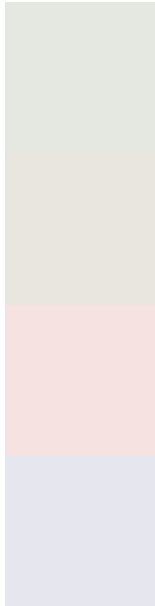
80.9882, 79.3372, 82.9966



Tritanopia

77.7628, 79.7429, 99.2891

Trichromacy



Original Color

74.3061, 79.5890, 81.9669

Protanomaly

75.2204, 79.2450, 81.1433

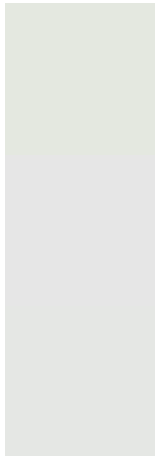
Deuteranomaly

78.4432, 79.2414, 82.3949

Tritanomaly

76.5099, 79.6486, 93.0026

Monochromacy



Original Color

74.3061, 79.5890, 81.9669

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8926, 79.4113, 84.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3061, 79.5890, 81.9669 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(228, 232, 224) looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 224)  
}
```

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(228, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.3061, 79.5890, 81.9669 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(228, 232, 224) }
```


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

```
.border{ border-color:rgb(228, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 232,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3061, 79.5890, 81.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 224) }
```

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

```
.background{ background-color: rgb(228,  
232, 224) }
```

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