

Converting Colors

XYZ(71.5862, 74.1641, 81.8931)

Have a look what the booklet for
XYZ(71.5862, 74.1641, 81.8931)
contains.

XYZ(71.3904, 74.0097, 81.7568)	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(71.3904, 74.0097,
81.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEE1
RGB	227, 222, 225
RGB Percent	89%, 87%, 88%
CMY	0.1098, 0.1294, 0.1176
CMYK	0.00, 0.02, 0.01, 0.11
HSL	324°, 8%, 88%
HSV	324°, 2%, 89%
XYZ	71.3904, 74.0097, 81.7568
YIQ	223.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

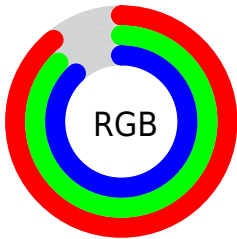
Format	Color
R_{YB}	227, 222, 225
Decimal	14933729
CIE Lab	88.93, 2.23, -0.87
CIE LCh	89, 2.396, 338.625
Yxy	74.0097, 0.3143, 0.3258
Android (android.graphics.Color)	4293123809 (0xFFE3DEE1)
YUV	223.8370, 0.5734, 2.7740
Hunter-Lab	86.0289, -2.4237, 3.8745

Details

The XYZ color **71.3904, 74.0097, 81.7568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0506, 75.8514, 81.4207**, and the grayscale version is **70.7320, 74.4156, 81.0385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0877, 39.3104, 43.6104** is the 20% darker color. If you saturate the color by 10%, you get **64.5564, 62.2721, 73.5255**, and if you desaturate by 10%, it is **79.1063, 87.4035, 90.6093**.

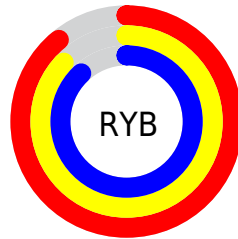
Distribution



Red (89%)

Green (87%)

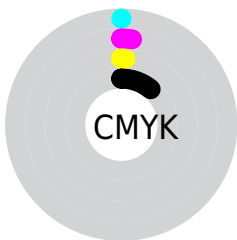
Blue (88%)



Red (89%)

Yellow (87%)

Blue (88%)

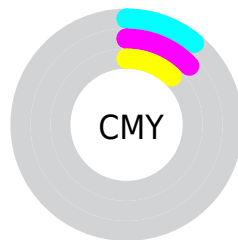


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3904, 74.0097, 81.7568 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 71.3904, 74.0097, 81.7568 by changing the saturation by 10% instead.

■ 71.3904, 74.0097,
81.7568

■ 71.3904, 74.0097,
81.7568

454.6076,
474.5068, 520.6959

■ 52.9445, 54.8020,
60.6304

120.2049,
124.9096, 137.6665

■ 37.9858, 39.2432,
43.4984

151.3043,
157.3705, 173.2870

■ 26.1488, 26.9490,
29.9421

187.3523,
195.0179, 214.5759

■ 17.0683, 17.5349,
19.5429

228.7141,
238.2363, 261.9517

■ 10.3788, 10.6166,
11.8825

275.7552,
287.4100, 315.8331

■ 5.7150, 5.8097,
6.5421

328.8409,

■ 2.7116, 2.7297,

342.9234, 376.6386

3.1034

388.3366,
405.1609, 444.7867

■ 1.0031, 0.9923,
1.1477

■ 0.0000, 0.0000,
0.0000

■ 71.3904, 74.0097,
81.7568

■ 71.3904, 74.0097,
81.7568

■ 64.5564, 62.2721,
73.5255

■ 79.1063, 87.4035,
90.6093

■ 58.5648, 52.1163,
65.8946

■ 83.6429, 94.3327,
98.7316

■ 53.3823, 43.4763,
58.8487

■ 85.0510, 94.8959,
106.1462

■ 48.9708, 36.2780,
52.3700

■ 85.4890, 95.0711,
108.4526

■ 45.2894, 30.4408,
46.4393

■ 42.2927, 25.8761,
41.0360

■ 39.9304, 22.4850,
36.1376

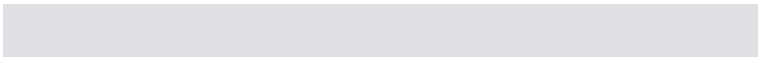
■ 38.1444, 20.1533,
31.7190

■ 36.8655, 18.7442,
27.7508

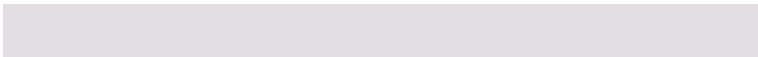
Harmonies

Analogous

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



71.0443, 74.0097, 83.1118



71.3904, 74.0097, 81.7568



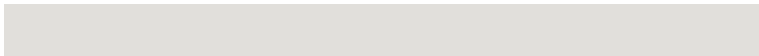
71.4553, 74.0097, 80.1047

Triad

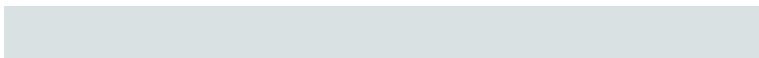
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3904, 74.0097, 81.7568



70.1764, 74.0097, 77.4591



69.4740, 74.0097, 82.5995

Complementary

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



71.3904, 74.0097, 81.7568



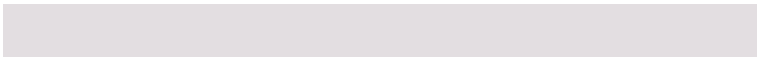
71.0506, 75.8514, 81.4207

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.



69.2443, 74.0097, 81.0652



71.3904, 74.0097, 81.7568



69.6483, 74.0097, 78.1079

Square

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



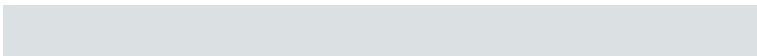
71.3904, 74.0097, 81.7568



70.7523, 74.0097, 77.6385



69.3079, 74.0097, 79.4224



69.9372, 74.0097, 83.6030

Rectangle

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



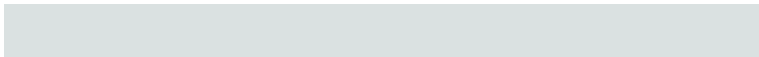
71.3904, 74.0097, 81.7568



71.3301, 74.0097, 79.0595



69.3079, 74.0097, 79.4224



69.3671, 74.0097, 82.1279

Sweetspot

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



71.3925, 74.0129, 81.7584



94.0780, 98.3182, 107.7674



70.7297, 73.6395, 83.1599



20.1468, 21.0619, 23.0786



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.



71.3925, 74.0129, 81.7584



92.1687, 95.0201, 105.5268



71.0543, 73.8776, 79.9775



15.6063, 16.0046, 17.8637



21.1315, 10.5868, 14.8536



1.6071, 0.8006, 1.3377

Inverse Universe

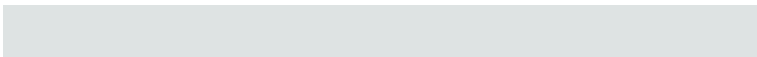
The Inverse Universe completely reimagines the original color for something new.



71.3925, 74.0129, 81.7584



92.1687, 95.0201, 105.5268



71.3917, 75.9879, 83.2173



15.6063, 16.0046, 17.8637



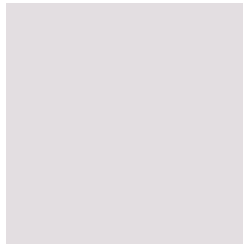
21.1315, 10.5868, 14.8536



1.6071, 0.8006, 1.3377

Previews

White Background



This preview shows how the XYZ color 71.3904, 74.0097, 81.7568 looks on a white background.

Color Contrast Check

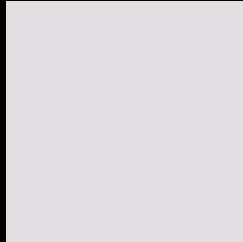
Large Text (above 18pt) WCAG AA × Fail

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 71.3904, 74.0097, 81.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

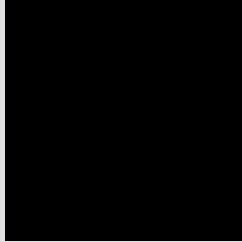
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

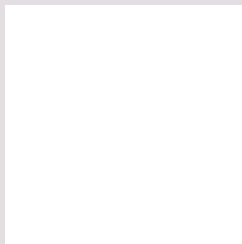
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3904, 74.0097, 81.7568

Background



This preview shows how black text looks on a background with the XYZ color 71.3904, 74.0097, 81.7568.



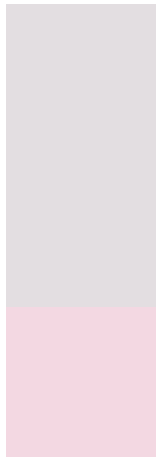
This preview shows how white text looks on a background with the XYZ color 71.3904, 74.0097,

81.7568.

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

71.3904, 74.0097, 81.7568

Protanopia

71.3904, 74.0097, 81.7568

Deuteranopia

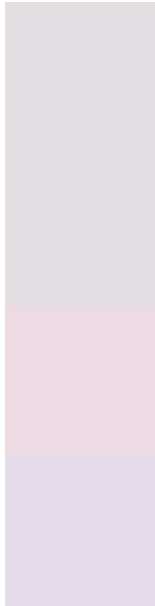
75.2455, 73.6574, 82.2029



Tritanopia

73.1924, 73.9588, 90.5386

Trichromacy



Original Color

71.3904, 74.0097, 81.7568

Protanomaly

71.3904, 74.0097, 81.7568

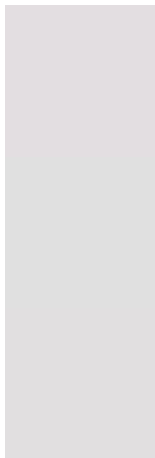
Deuteranomaly

73.7239, 73.6383, 82.2795

Tritanomaly

72.5593, 74.0901, 87.5673

Monochromacy



Original Color

71.3904, 74.0097, 81.7568

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8936, 74.1647, 81.0997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3904, 74.0097, 81.7568 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(227, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 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(227, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.3904, 74.0097, 81.7568 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(227, 222, 225) }
```


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

```
.border{ border-color:rgb(227, 222, 225) }
```

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

Here you see how a box with a 4 pixel rgb(227, 222, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3904, 74.0097, 81.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 225) }
```

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

```
.background{ background-color: rgb(227,  
222, 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](#).

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