

Converting Colors

XYZ(70.8190, 74.0447, 79.4035)

Have a look what the booklet for
XYZ(70.8190, 74.0447, 79.4035)
contains.

XYZ(70.9365, 74.2180, 79.6940)	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(70.9365, 74.2180,
79.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFDE
RGB	226, 223, 222
RGB Percent	89%, 87%, 87%
CMY	0.1137, 0.1255, 0.1294
CMYK	0.00, 0.01, 0.02, 0.11
HSL	15°, 6%, 88%
HSV	15°, 2%, 89%
XYZ	70.9365, 74.2180, 79.6940
YIQ	223.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

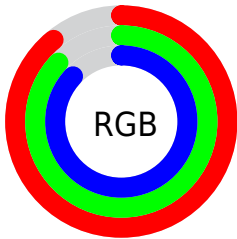
Format	Color
R _Y B	226, 223, 222
Decimal	14868446
CIE Lab	89.03, 0.84, 0.84
CIE LCh	89, 1.188, 44.852
Yxy	74.2180, 0.3155, 0.3301
Android (android.graphics.Color)	4293058526 (0xFFE2DFDE)
YUV	223.7830, -0.8790, 1.9443
Hunter-Lab	86.1499, -3.7839, 5.4580

Details

The XYZ color **70.9365, 74.2180, 79.6940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7769, 74.8700, 82.6735**, and the grayscale version is **70.7034, 74.3855, 81.0058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7723, 39.4532, 42.1836** is the 20% darker color. If you saturate the color by 10%, you get **63.8098, 64.4908, 63.3624**, and if you desaturate by 10%, it is **78.9257, 85.0184, 98.3181**.

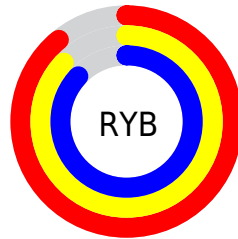
Distribution



Red (89%)

Green (87%)

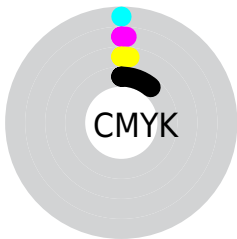
Blue (87%)



Red (89%)

Yellow (87%)

Blue (87%)

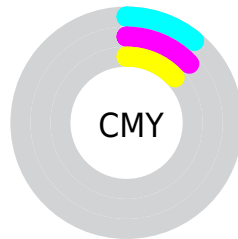


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9365, 74.2180, 79.6940 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 70.9365, 74.2180, 79.6940 by changing the saturation by 10% instead.

■ 70.9365, 74.2180,
79.6940

■ 70.9365, 74.2180,
79.6940

453.0467,
475.2254, 513.5805

■ 52.5727, 54.9725,
58.9419

119.5623,
125.2048, 134.7429

■ 37.6879, 39.3797,
42.1466

150.5551,
157.7149, 169.8768

■ 25.9167, 27.0552,
28.8897

186.4882,
195.4152, 210.6418

■ 16.8937, 17.6147,
18.7525

227.7270,
238.6903, 257.4563

■ 10.2535, 10.6737,
11.3166

274.6369,
287.9244, 310.7388

■ 5.6309, 5.8479,
6.1634

327.5833,

■ 2.6605, 2.7528,

343.5021, 370.9080

2.8743

386.9314,
405.8076, 438.3824

■ 0.9769, 1.0041,
1.0308

■ 0.0000, 0.0000,
0.0000

■ 70.9365, 74.2180,
79.6940

■ 70.9365, 74.2180,
79.6940

■ 63.8098, 64.4908,
63.3624

■ 78.9257, 85.0184,
98.3181

■ 57.5100, 55.7945,
49.2295

■ 85.1745, 94.9090,
108.4378

■ 52.0084, 48.0977,
37.2024

■ 47.2720, 41.3639,
27.1795

■ 43.2655, 35.5545,
19.0506

■ 39.9507, 30.6280,
12.6952

■ 37.2857, 26.5398,
7.9783

■ 35.2234, 23.2409,
4.7457

■ 33.7096, 20.6767,
2.8127

Harmonies

Analogous

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



71.0803, 74.2180, 80.4037



70.9365, 74.2180, 79.6940



70.6872, 74.2180, 79.2850

Triad

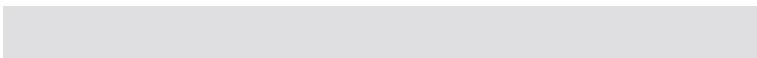
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9365, 74.2180, 79.6940



70.0072, 74.2180, 80.3958



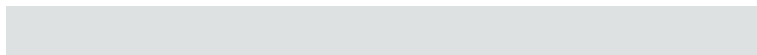
70.6845, 74.2180, 82.3582

Complementary

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



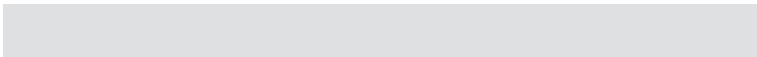
70.9365, 74.2180, 79.6940



70.7769, 74.8700, 82.6735

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.



70.3969, 74.2180, 82.3561



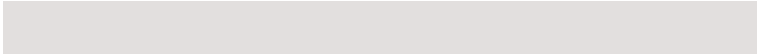
70.9365, 74.2180, 79.6940



70.0064, 74.2180, 81.2192

Square

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



70.9365, 74.2180, 79.6940



70.1509, 74.2180, 79.6883



70.1489, 74.2180, 81.9380



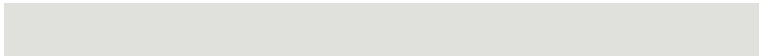
70.9345, 74.2180, 81.9438

Rectangle

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



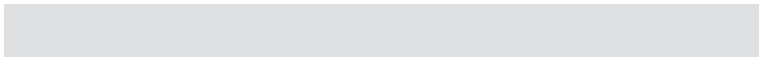
70.9365, 74.2180, 79.6940



70.4950, 74.2180, 79.2360



70.1489, 74.2180, 81.9380



70.5890, 74.2180, 82.4063

Sweetspot

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



70.9386, 74.2212, 79.6956



94.0358, 98.6242, 106.5499



71.0770, 73.8487, 81.7432



20.1382, 21.1242, 22.8308



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.



70.9386, 74.2212, 79.6956



93.0330, 97.2627, 104.2305



71.4751, 75.2942, 79.8744



15.1518, 15.8469, 16.9995



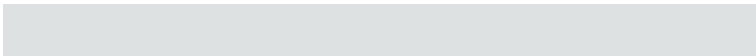
18.7997, 11.0373, 1.1396



1.3737, 0.9062, 0.1025

Inverse Universe

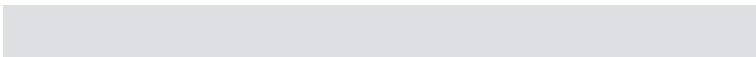
The Inverse Universe completely reimagines the original color for something new.



70.7769, 74.8700, 82.6735



92.7916, 98.2316, 108.6777



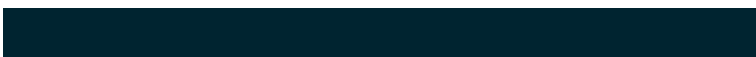
70.2404, 73.7971, 82.4947



15.1149, 15.9948, 17.6784



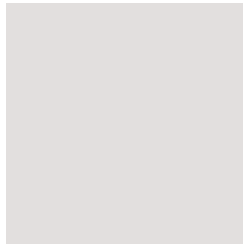
16.0548, 19.5792, 43.9813



1.1826, 1.4966, 3.0718

Previews

White Background



This preview shows how the XYZ color 70.9365, 74.2180, 79.6940 looks on a white background.

Color Contrast Check

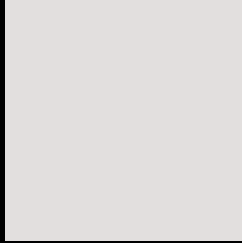
Large Text (above 18pt) WCAG AA × Fail

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 70.9365, 74.2180, 79.6940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

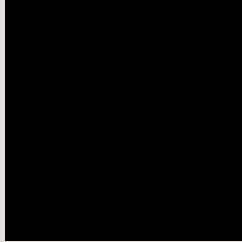
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

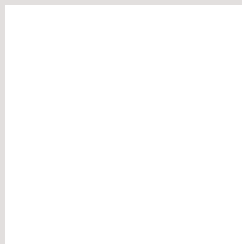
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9365, 74.2180, 79.6940

Background



This preview shows how black text looks on a background with the XYZ color 70.9365, 74.2180, 79.6940.



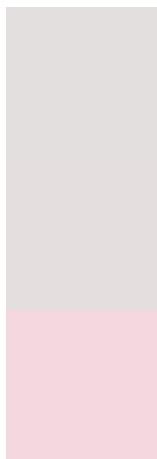
This preview shows how white text looks on a background with the XYZ color 70.9365, 74.2180,

79.6940.

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

70.9365, 74.2180, 79.6940

Protanopia

71.3010, 74.0105, 79.6347

Deuteranopia

75.5313, 73.8519, 80.0860



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

70.9365, 74.2180, 79.6940

Protanomaly

70.9846, 73.8474, 79.6199

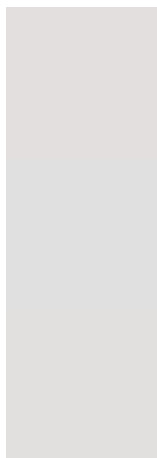
Deuteranomaly

73.9107, 74.1679, 80.2324

Tritanomaly

72.3653, 74.3996, 86.8904

Monochromacy



Original Color

70.9365, 74.2180, 79.6940

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0263, 74.6466, 80.4768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9365, 74.2180, 79.6940 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(226, 223, 222) looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 222)  
}
```

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(226, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 70.9365, 74.2180, 79.6940 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(226, 223, 222) }
```


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

```
.border{ border-color:rgb(226, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9365, 74.2180, 79.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 222) }
```

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

```
.background{ background-color: rgb(226,  
223, 222) }
```

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