

Converting Colors

XYZ(70.1283, 74.3870, 79.4060)

Have a look what the booklet for
XYZ(70.1283, 74.3870, 79.4060)
contains.

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Color

**XYZ(69.8310, 74.0614,
79.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE0DD
RGB	222, 224, 221
RGB Percent	87%, 88%, 87%
CMY	0.1294, 0.1215, 0.1333
CMYK	0.01, 0.00, 0.01, 0.12
HSL	100°, 5%, 87%
HSV	100°, 1%, 88%
XYZ	69.8310, 74.0614, 79.0214
YIQ	223.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

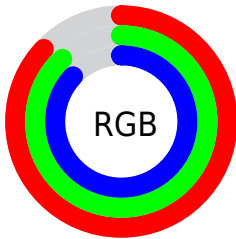
Format	Color
R_{YB}	221, 224, 223
Decimal	14606557
CIE Lab	88.95, -1.21, 1.22
CIE LCh	89, 1.716, 134.724
Yxy	74.0614, 0.3133, 0.3322
Android (android.graphics.Color)	4292796637 (0xFFDEE0DD)
YUV	223.0600, -1.0156, -0.9296
Hunter-Lab	86.0589, -5.7625, 5.7997

Details

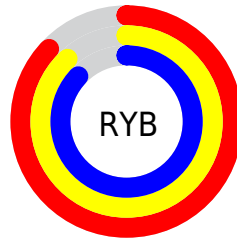
The XYZ color **69.8310, 74.0614, 79.0214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7453, 72.7847, 80.8978**, and the grayscale version is **70.1908, 73.8462, 80.4185**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0073, 39.3446, 41.7202** is the 20% darker color. If you saturate the color by 10%, you get **62.6675, 70.6928, 64.1324**, and if you desaturate by 10%, it is **77.8027, 77.8049, 96.0300**.

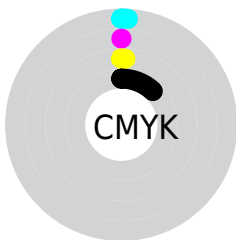
Distribution



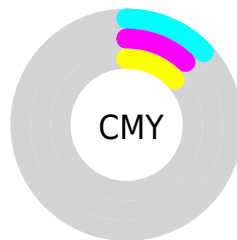
- Red (87%)
- Green (88%)
- Blue (87%)



- Red (87%)
- Yellow (88%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8310, 74.0614, 79.0214 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 69.8310, 74.0614, 79.0214 by changing the saturation by 10% instead.

■ 69.8310, 74.0614,
79.0214

■ 69.8310, 74.0614,
79.0214

449.2321,
474.6853, 511.2483

■ 51.6679, 54.8443,
58.3920

117.9953,
124.9828, 133.7879

■ 36.9636, 39.2771,
41.7071

148.7272,
157.4560, 168.7621

■ 25.3529, 26.9753,
28.5481

184.3794,
195.1166, 209.3550

■ 16.4703, 17.5547,
18.4966

225.3172,
238.3490, 255.9850

■ 9.9505, 10.6308,
11.1340

271.9060,
287.5377, 309.0709

■ 5.4282, 5.8191,
6.0417

324.5112,

■ 2.5379, 2.7354,

343.0670, 369.0310

2.8013

383.4981,
405.3214, 436.2839

■ 0.9144, 0.9952,
0.9941

■ 0.0000, 0.0000,
0.0000

■ 69.8310, 74.0614,
79.0214

■ 69.8310, 74.0614,
79.0214

■ 62.6675, 70.6928,
64.1324

■ 77.8027, 77.8049,
96.0300

■ 56.2799, 67.6778,
51.2752

■ 84.8126, 81.2094,
105.8126

■ 50.6426, 65.0073,
40.3631

■ 85.9471, 81.7942,
105.8657

■ 45.7263, 62.6684,
31.3011

■ 41.4997, 60.6470,
23.9865

■ 37.9287, 58.9281,
18.3062

■ 34.9764, 57.4954,
14.1343

■ 32.6011, 56.3306,
11.3262

■ 30.7551, 55.4129,
9.7088

Harmonies

Analogous

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



70.1898, 74.0614, 78.4420



69.8310, 74.0614, 79.0214



69.6233, 74.0614, 80.0374

Triad

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



69.8310, 74.0614, 79.0214



70.1823, 74.0614, 82.8735



71.1707, 74.0614, 80.0586

Complementary

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



69.8310, 74.0614, 79.0214



69.7453, 72.7847, 80.8978

Split Complementary

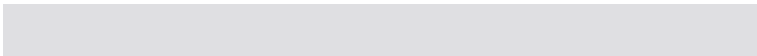
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1686, 74.0614, 81.2461



69.8310, 74.0614, 79.0214



70.5969, 74.0614, 82.8793

Square

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



69.8310, 74.0614, 79.0214



69.8256, 74.0614, 82.2653



70.9583, 74.0614, 82.2811



70.9638, 74.0614, 79.0368

Rectangle

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



69.8310, 74.0614, 79.0214



69.5979, 74.0614, 80.8294



70.9583, 74.0614, 82.2811



71.1944, 74.0614, 80.4515

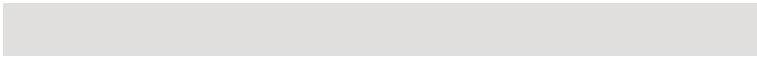
Sweetspot

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



69.8331, 74.0646, 79.0230

95.0500, 100.0000, 108.9000



70.1823, 73.8463, 78.9625



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.



69.8331, 74.0646, 79.0230



92.9989, 99.0362, 104.5746



69.5946, 73.9339, 79.3606



15.1466, 16.1176, 17.0520



17.2933, 31.9475, 5.2550



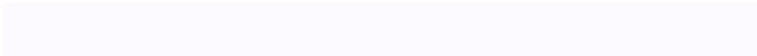
1.2913, 2.2622, 0.3686

Inverse Universe

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



69.7453, 72.7847, 80.8978



92.8228, 96.4686, 108.3357



69.9865, 72.9169, 80.5551



15.1197, 15.7257, 17.6261



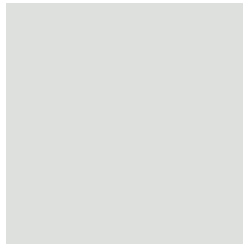
15.2199, 6.9415, 41.5860



1.1486, 0.5294, 2.8869

Previews

White Background



This preview shows how the XYZ color 69.8310, 74.0614, 79.0214 looks on a white background.

Color Contrast Check

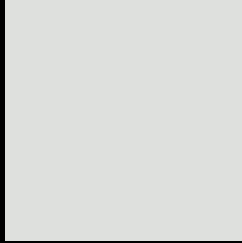
Large Text (above 18pt) WCAG AA × Fail

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 69.8310, 74.0614, 79.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

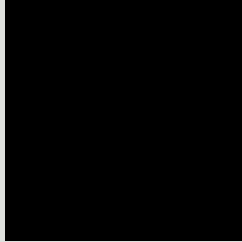
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

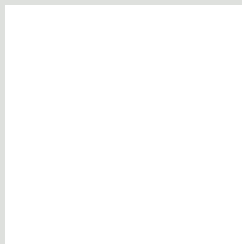
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8310, 74.0614, 79.0214

Background



This preview shows how black text looks on a background with the XYZ color 69.8310, 74.0614, 79.0214.

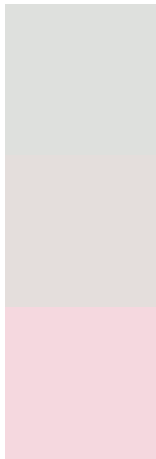


This preview shows how white text looks on a background with the XYZ color 69.8310, 74.0614,

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

69.8310, 74.0614, 79.0214

Protanopia

71.0345, 73.9038, 78.2311

Deuteranopia

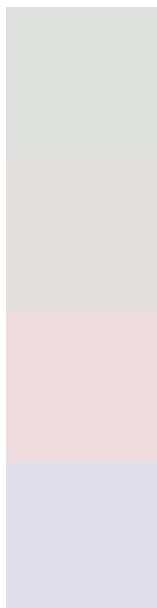
75.5313, 73.8519, 80.0860



Tritanopia

72.4878, 73.9524, 92.1151

Trichromacy



Original Color

69.8310, 74.0614, 79.0214

Protanomaly

70.6700, 74.1114, 78.2904

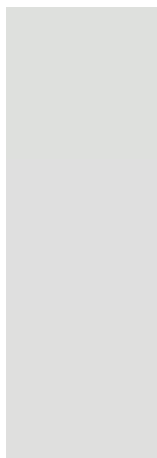
Deuteranomaly

73.4414, 73.9415, 79.5086

Tritanomaly

71.4272, 73.9160, 86.8465

Monochromacy



Original Color

69.8310, 74.0614, 79.0214

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0039, 73.7373, 79.6504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8310, 74.0614, 79.0214 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(222, 224, 221) looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 221)  
}
```

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(222, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 221) }
```

Border

The CSS property to change the border of an element to XYZ 69.8310, 74.0614, 79.0214 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(222, 224, 221) }
```

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

```
.border{ border-color:rgb(222, 224, 221) }
```

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

Here you see how a box with a 4 pixel rgb(222, 224, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
221) }
```


Background

The CSS property to change the background color of an element to XYZ 69.8310, 74.0614, 79.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 221) }
```

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

```
.background{ background-color: rgb(222,  
224, 221) }
```

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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