

Converting Colors

XYZ(69.7369, 74.8294, 72.7921)

Have a look what the booklet for
XYZ(69.7369, 74.8294, 72.7921)
contains.

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Color

**XYZ(69.8205, 74.9935,
73.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E2D4
RGB	224, 226, 212
RGB Percent	88%, 89%, 83%
CMY	0.1216, 0.1137, 0.1686
CMYK	0.01, 0.00, 0.06, 0.11
HSL	69°, 19%, 86%
HSV	69°, 6%, 89%
XYZ	69.8205, 74.9935, 73.0826
YIQ	223.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

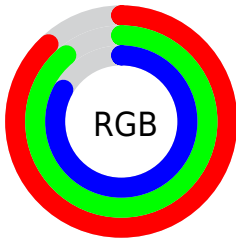
Format	Color
R_{YB}	212, 226, 214
Decimal	14738132
CIE Lab	89.39, -3.12, 6.60
CIE LCh	89, 7.296, 115.316
Yxy	74.9935, 0.3204, 0.3442
Android (android.graphics.Color)	4292928212 (0xFFE0E2D4)
YUV	223.8060, -5.8204, 0.1701
Hunter-Lab	86.5988, -7.6318, 10.5830

Details

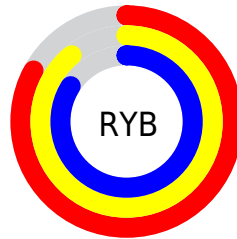
The XYZ color **69.8205, 74.9935, 73.0826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0054, 66.8761, 81.4377**, and the grayscale version is **70.7534, 74.4381, 81.0631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0109, 39.9952, 37.6674** is the 20% darker color. If you saturate the color by 10%, you get **66.1745, 73.4228, 59.0570**, and if you desaturate by 10%, it is **73.8889, 76.7402, 89.2143**.

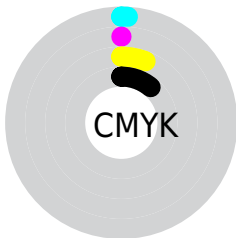
Distribution



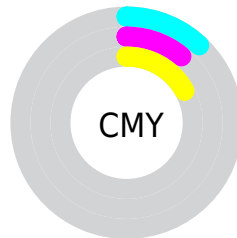
- Red (88%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8205, 74.9935, 73.0826 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 69.8205, 74.9935, 73.0826 by changing the saturation by 10% instead.

69.8205, 74.9935,
73.0826

69.8205, 74.9935,
73.0826

449.1957,
477.8952, 490.3795

51.6593, 55.6076,
53.5513

117.9804,
126.3032, 125.3165

36.9567, 39.8884,
37.8523

148.7098,
158.9957, 158.8561

25.3475, 27.4515,
25.5671

184.3593,
196.8925, 197.9022

16.4663, 17.9126,
16.2772

225.2943,
240.3781, 242.8734

9.9476, 10.8873,
9.5641

271.8800,
289.8367, 294.1882

5.4262, 5.9911,
5.0091

324.4820,

2.5368, 2.8397,

345.6529, 352.2651

2.1938

383.4654,
408.2109, 417.5227

■ 0.9138, 1.0486,
0.6708

■ 0.0000, 0.0000,
0.0000

■ 69.8205, 74.9935,
73.0826

■ 69.8205, 74.9935,
73.0826

■ 66.1745, 73.4228,
59.0570

■ 73.8889, 76.7402,
89.2143

■ 62.9281, 72.0117,
47.0456

■ 78.0323, 78.5167,
105.6502

■ 60.0655, 70.7563,
36.9573

■ 79.0829, 79.0583,
105.6994

■ 57.5677, 69.6490,
28.6920

■ 80.1529, 79.6099,
105.7495

■ 55.4139, 68.6815,
22.1403

■ 81.2425, 80.1716,
105.8005

■ 53.5809, 67.8444,
17.1816

■ 82.3516, 80.7434,
105.8524

■ 52.0427, 67.1273,
13.6791

■ 83.4803, 81.3253,
105.9052

■ 50.7690, 66.5182,
11.4735

■ 84.6289, 81.9174,
105.9590

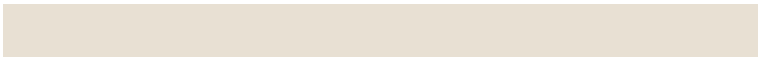
■ 49.7218, 66.0018,
10.3659

■ 85.7974, 82.5197,
106.0136

Harmonies

Analogous

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



71.5599, 74.9935, 72.2390



69.8205, 74.9935, 73.0826



68.4920, 74.9935, 76.1849

Triad

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



69.8205, 74.9935, 73.0826



69.3425, 74.9935, 90.0134



74.7572, 74.9935, 82.4609

Complementary

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



69.8205, 74.9935, 73.0826



65.0054, 66.8761, 81.4377

Split Complementary

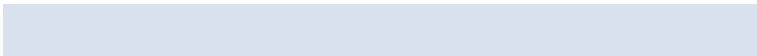
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1407, 74.9935, 87.3812



69.8205, 74.9935, 73.0826



70.9990, 74.9935, 91.8559

Square

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



69.8205, 74.9935, 73.0826



68.2193, 74.9935, 85.9339



72.7578, 74.9935, 90.8732



74.4290, 74.9935, 77.5209

Rectangle

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



69.8205, 74.9935, 73.0826



68.0081, 74.9935, 79.1872



72.7578, 74.9935, 90.8732



74.6533, 74.9935, 84.1739

Sweetspot

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



69.8226, 74.9968, 73.0842



93.9716, 99.5377, 104.6201



67.2630, 68.9500, 72.0520



20.1251, 21.3100, 22.4378



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.



69.8226, 74.9968, 73.0842



91.3743, 98.4219, 94.4171



67.7376, 73.9219, 72.9866



14.8206, 15.9903, 15.1963



28.2348, 37.5881, 5.7671



2.0106, 2.6330, 0.4022

Inverse Universe

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



65.0054, 66.8761, 81.4377



84.2127, 86.3489, 106.8363



67.0516, 67.9310, 81.5335



13.5765, 13.8930, 17.3537



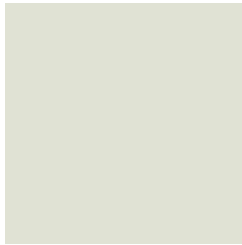
8.2370, 3.3416, 41.2592



0.6296, 0.2619, 2.8626

Previews

White Background



This preview shows how the XYZ color 69.8205, 74.9935, 73.0826 looks on a white background.

Color Contrast Check

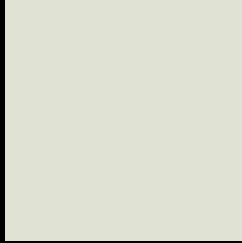
Large Text (above 18pt) WCAG AA × Fail

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 69.8205, 74.9935, 73.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

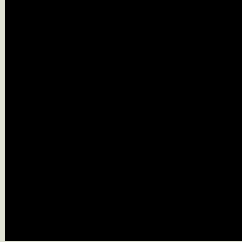
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

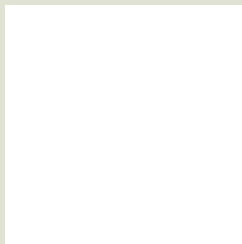
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8205, 74.9935, 73.0826

Background



This preview shows how black text looks on a background with the XYZ color 69.8205, 74.9935, 73.0826.

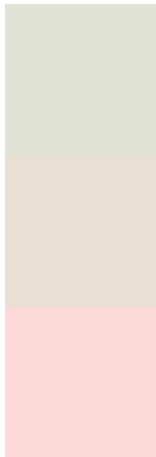


This preview shows how white text looks on a background with the XYZ color 69.8205, 74.9935,

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

69.8205, 74.9935, 73.0826

Protanopia

71.6922, 75.1703, 72.3587

Deuteranopia

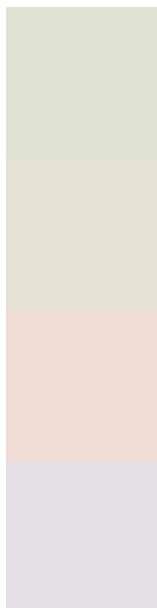
76.3748, 74.8047, 74.0317



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

69.8205, 74.9935, 73.0826

Protanomaly

70.9962, 75.2116, 72.4034

Deuteranomaly

73.8791, 74.6913, 73.4738

Tritanomaly

72.2091, 74.7634, 84.7537

Monochromacy



Original Color

69.8205, 74.9935, 73.0826

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5840, 74.8650, 78.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8205, 74.9935, 73.0826 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(224, 226, 212) looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 212)  
}
```

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(224, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 212) }
```

Border

The CSS property to change the border of an element to XYZ 69.8205, 74.9935, 73.0826 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(224, 226, 212) }
```


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

```
.border{ border-color:rgb(224, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8205, 74.9935, 73.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 212) }
```

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

```
.background{ background-color: rgb(224,  
226, 212) }
```

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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