

Converting Colors

XYZ(74.6186, 79.0429, 69.8040)

Have a look what the booklet for
XYZ(74.6186, 79.0429, 69.8040)
contains.

XYZ(74.6973, 79.2270, 69.7479)	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(74.6973, 79.2270,
69.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6CE
RGB	238, 230, 206
RGB Percent	93%, 90%, 81%
CMY	0.0667, 0.0980, 0.1921
CMYK	0.00, 0.03, 0.13, 0.07
HSL	45°, 48%, 87%
HSV	45°, 13%, 93%
XYZ	74.6973, 79.2270, 69.7479
YIQ	229.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

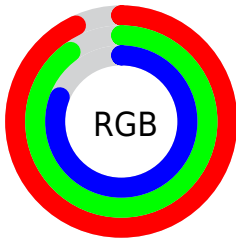
Format	Color
R _Y B	217, 238, 206
Decimal	15656654
CIE Lab	91.34, -1.24, 12.66
CIE LCh	91, 12.718, 95.611
Yxy	79.2270, 0.3340, 0.3542
Android (android.graphics.Color)	4293846734 (0xFFEEE6CE)
YUV	229.6560, -11.6624, 7.3177
Hunter-Lab	89.0096, -5.9685, 15.8470

Details

The XYZ color **74.6973, 79.2270, 69.7479** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **64.9326, 67.3867, 90.4743**, and the grayscale version is **75.0384, 78.9462, 85.9724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2889, 42.8720, 35.8574** is the 20% darker color. If you saturate the color by 10%, you get **70.3962, 74.9062, 55.1134**, and if you desaturate by 10%, it is **79.4971, 83.8428, 86.7105**.

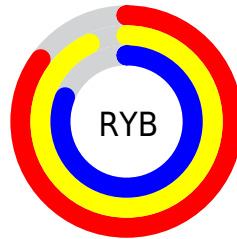
Distribution



Red (93%)

Green (90%)

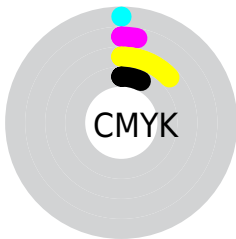
Blue (81%)



Red (85%)

Yellow (93%)

Blue (81%)

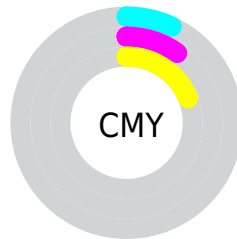


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6973, 79.2270, 69.7479 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 74.6973, 79.2270, 69.7479 by changing the saturation by 10% instead.

■ 74.6973, 79.2270,
69.7479

■ 74.6973, 79.2270,
69.7479

465.8897,
492.3239, 478.4295

■ 55.6582, 59.0825,
50.8455

124.8740,
132.2784, 120.5269

■ 40.1649, 42.6795,
35.7098

156.7423,
165.9540, 153.2406

■ 27.8519, 29.6337,
23.9222

193.6178,
204.9088, 191.3952

■ 18.3540, 19.5607,
15.0643

235.8658,
249.5272, 235.4091

■ 11.3056, 12.0762,
8.7174

283.8516,
300.1934, 285.7010

■ 6.3416, 6.7956,
4.4630

337.9406,

■ 3.0965, 3.3346,

357.2921, 342.6893

1.8826

398.4982,
421.2074, 406.7926

■ 1.2050, 1.3088,
0.4817

■ 0.1103, 0.1480,
0.0000

■ 74.6973, 79.2270,
69.7479

■ 74.6973, 79.2270,
69.7479

■ 70.3962, 74.9062,
55.1134

■ 79.4971, 83.8428,
86.7105

■ 66.5671, 70.8611,
42.6984

■ 84.8080, 88.7517,
106.0930

■ 63.1904, 67.0855,
32.3931

■ 86.8301, 92.4371,
107.8735

■ 60.2428, 63.5691,
24.0766

■ 88.6860, 96.1490,
108.4921

■ 57.6982, 60.3006,
17.6153

■ 89.0702, 96.9173,
108.6202

■ 55.5276, 57.2675,
12.8593

■ 53.6976, 54.4555,
9.6353

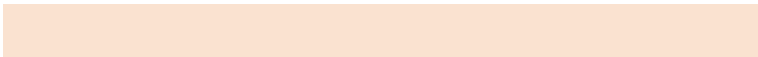
■ 52.1676, 51.8473,
7.7327

■ 51.2874, 50.2316,
6.9925

Harmonies

Analogous

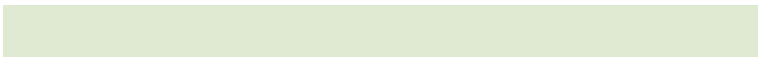
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8964, 79.2270, 71.0594



74.6973, 79.2270, 69.7479



71.7445, 79.2270, 72.5986

Triad

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



74.6973, 79.2270, 69.7479



70.3662, 79.2270, 97.0406



81.1015, 79.2270, 93.8190

Complementary

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



74.6973, 79.2270, 69.7479



64.9326, 67.3867, 90.4743

Split Complementary

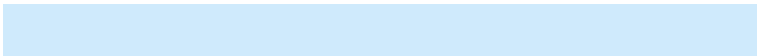
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9771, 79.2270, 101.5466



74.6973, 79.2270, 69.7479



72.7676, 79.2270, 103.4977

Square

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



74.6973, 79.2270, 69.7479



69.2902, 79.2270, 88.0155



75.9117, 79.2270, 105.2027



81.6538, 79.2270, 84.5374

Rectangle

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



74.6973, 79.2270, 69.7479



70.2936, 79.2270, 76.6046



75.9117, 79.2270, 105.2027



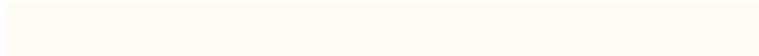
80.5447, 79.2270, 96.7047

Sweetspot

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



74.6994, 79.2305, 69.7496



92.6433, 97.7451, 100.2101



69.4697, 67.1759, 72.9242



19.7349, 20.8320, 21.1102



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.



74.6994, 79.2305, 69.7496



85.9969, 91.3127, 76.8449



74.3491, 82.4291, 70.3855



16.7690, 17.7511, 16.6922



28.7208, 28.2397, 3.9371



2.4674, 2.5055, 0.3536

Inverse Universe

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



64.9326, 67.3867, 90.4743



72.6016, 75.0696, 105.2711



65.2365, 64.6130, 89.9229



15.2181, 15.8704, 19.9828



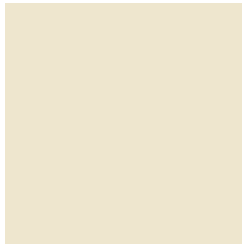
9.5819, 5.3880, 45.6628



0.8735, 0.6010, 3.8242

Previews

White Background



This preview shows how the XYZ color 74.6973, 79.2270, 69.7479 looks on a white background.

Color Contrast Check

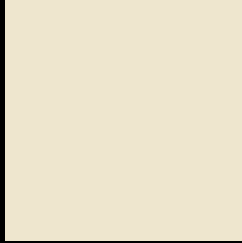
Large Text (above 18pt) WCAG AA × Fail

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 74.6973, 79.2270, 69.7479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

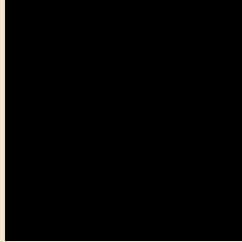
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6973, 79.2270, 69.7479

Background



This preview shows how black text looks on a background with the XYZ color 74.6973, 79.2270, 69.7479.

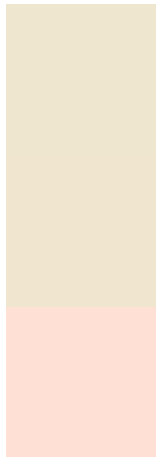


This preview shows how white text looks on a background with the XYZ color 74.6973, 79.2270,

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

74.6973, 79.2270, 69.7479

Protanopia

75.0951, 79.0201, 69.6870

Deuteranopia

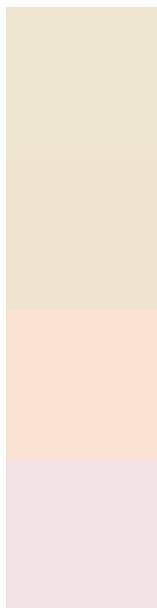
79.7793, 79.3248, 73.3937



Tritanopia

79.9144, 79.3159, 95.1020

Trichromacy



Original Color

74.6973, 79.2270, 69.7479

Protanomaly

74.7565, 78.8456, 69.6711

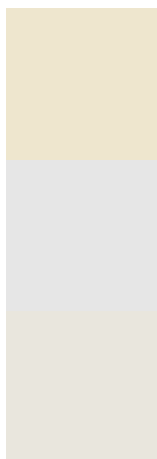
Deuteranomaly

77.8961, 79.1856, 72.1515

Tritanomaly

77.8876, 79.2961, 85.3293

Monochromacy



Original Color

74.6973, 79.2270, 69.7479

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9522, 79.1377, 79.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6973, 79.2270, 69.7479 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(238, 230, 206) looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 206)  
}
```

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(238, 230, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.6973, 79.2270, 69.7479 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(238, 230, 206) }
```


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

```
.border{ border-color:rgb(238, 230, 206) }
```

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

Here you see how a box with a 4 pixel rgb(238, 230, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 206);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6973, 79.2270, 69.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 206) }
```

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

```
.background{ background-color: rgb(238,  
230, 206) }
```

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