

Converting Colors

XYZ(74.0959, 79.1529, 79.0897)

Have a look what the booklet for
XYZ(74.0959, 79.1529, 79.0897)
contains.

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Color

**XYZ(74.1273, 79.1421,
79.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E7DC
RGB	230, 231, 220
RGB Percent	90%, 91%, 86%
CMY	0.0980, 0.0941, 0.1372
CMYK	0.00, 0.00, 0.05, 0.09
HSL	65°, 19%, 88%
HSV	65°, 5%, 91%
XYZ	74.1273, 79.1421, 79.0792
YIQ	229.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

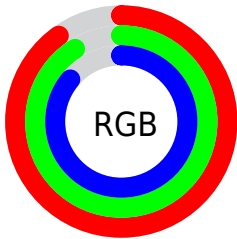
Format	Color
R _Y B	220, 231, 221
Decimal	15132636
CIE Lab	91.30, -2.25, 5.22
CIE LCh	91, 5.688, 113.356
Yxy	79.1421, 0.3190, 0.3406
Android (android.graphics.Color)	4293322716 (0xFFE6E7DC)
YUV	229.4470, -4.6574, 0.4850
Hunter-Lab	88.9618, -6.9484, 9.5697

Details

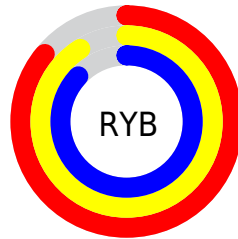
The XYZ color **74.1273, 79.1421, 79.0792** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.8388, 72.3302, 85.8856**, and the grayscale version is **74.8390, 78.7364, 85.7440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8007, 42.4905, 41.7011** is the 20% darker color. If you saturate the color by 10%, you get **70.6052, 77.6581, 64.0322**, and if you desaturate by 10%, it is **78.0848, 80.8063, 96.3567**.

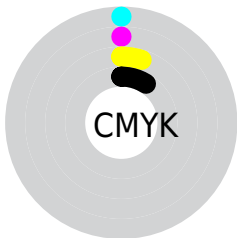
Distribution



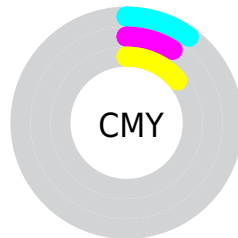
- Red (90%)
- Green (91%)
- Blue (86%)



- Red (86%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1273, 79.1421, 79.0792 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 74.1273, 79.1421, 79.0792 by changing the saturation by 10% instead.

■ 74.1273, 79.1421,
79.0792

■ 74.1273, 79.1421,
79.0792

463.9561,
492.0369, 511.4489

■ 55.1899, 59.0126,
58.4392

124.0708,
132.1589, 133.8700

■ 39.7882, 42.6233,
41.7448

155.8076,
165.8150, 168.8580

■ 27.5569, 29.5897,
28.5775

192.5415,
204.7488, 209.4656

■ 18.1307, 19.5273,
18.5186

234.6380,
249.3447, 256.1116

■ 11.1441, 12.0519,
11.1497

282.4623,
299.9871, 309.2143

■ 6.2319, 6.7791,
6.0522

336.3799,

■ 3.0286, 3.3243,

357.0603, 369.1925

2.8075

396.7560,
420.9488, 436.4645

■ 1.1689, 1.3033,
0.9972

■ 0.0816, 0.1438,
0.0000

■ 74.1273, 79.1421,
79.0792

■ 74.1273, 79.1421,
79.0792

■ 70.6052, 77.6581,
64.0322

■ 78.0848, 80.8063,
96.3567

■ 67.4946, 76.3371,
51.1198

■ 80.6307, 81.9042,
106.1671

■ 64.7794, 75.1752,
40.2466

■ 81.3278, 82.2636,
106.1998

■ 62.4396, 74.1645,
31.3084

■ 82.0333, 82.6273,
106.2328

60.4537, 73.2961,
24.1913

82.7470, 82.9952,
106.2662

58.7977, 72.5607,
18.7698

83.4691, 83.3675,
106.3000

57.4448, 71.9475,
14.9024

84.1995, 83.7440,
106.3342

56.3637, 71.4439,
12.4249

84.9383, 84.1249,
106.3687

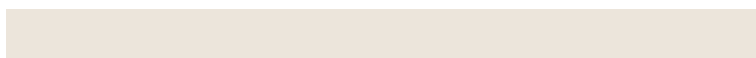
55.5163, 71.0346,
11.1360

85.6855, 84.5101,
106.4037

Harmonies

Analogous

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



75.5438, 79.1421, 78.5159



74.1273, 79.1421, 79.0792



73.0173, 79.1421, 81.5148

Triad

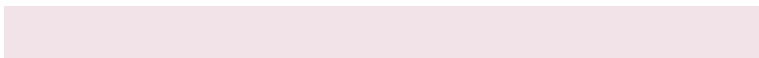
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1273, 79.1421, 79.0792



73.5779, 79.1421, 92.7083



78.0127, 79.1421, 87.0953

Complementary

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



74.1273, 79.1421, 79.0792



69.8388, 72.3302, 85.8856

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.



77.4711, 79.1421, 91.0039



74.1273, 79.1421, 79.0792



74.9015, 79.1421, 94.3109

Square

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



74.1273, 79.1421, 79.0792



72.7029, 79.1421, 89.3619



76.3278, 79.1421, 93.6773



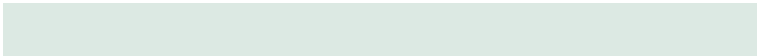
77.7990, 79.1421, 83.0595

Rectangle

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



74.1273, 79.1421, 79.0792



72.5943, 79.1421, 83.9156



76.3278, 79.1421, 93.6773



77.9127, 79.1421, 88.4691

Sweetspot

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



74.1295, 79.1455, 79.0809



94.5565, 99.7927, 106.7480



71.7103, 73.8272, 78.1819



20.2442, 21.3619, 22.8712



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

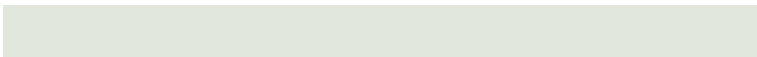
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1295, 79.1455, 79.0809



92.1718, 98.7896, 96.4149



72.4186, 78.2635, 79.0008



15.6829, 16.8387, 16.2557



30.9630, 39.7435, 6.0393



2.3262, 2.9566, 0.4481

Inverse Universe

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



69.8388, 72.3302, 85.8856



85.4304, 88.0814, 107.1065



71.5143, 73.1940, 85.9640



14.4262, 14.8424, 18.2489



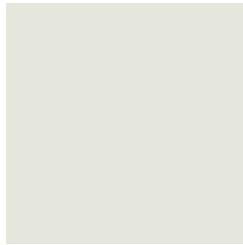
8.3049, 3.3472, 42.5915



0.6558, 0.2691, 3.1493

Previews

White Background



This preview shows how the XYZ color 74.1273, 79.1421, 79.0792 looks on a white background.

Color Contrast Check

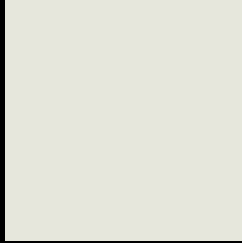
Large Text (above 18pt) WCAG AA × Fail

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 74.1273, 79.1421, 79.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

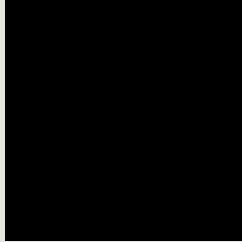
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

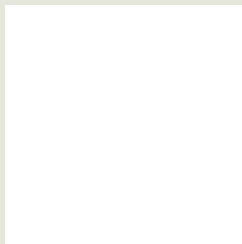
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1273, 79.1421, 79.0792

Background



This preview shows how black text looks on a background with the XYZ color 74.1273, 79.1421, 79.0792.



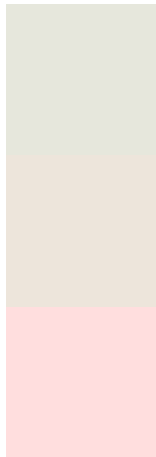
This preview shows how white text looks on a background with the XYZ color 74.1273, 79.1421,

79.0792.

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

74.1273, 79.1421, 79.0792

Protanopia

75.7305, 79.1576, 78.3054

Deuteranopia

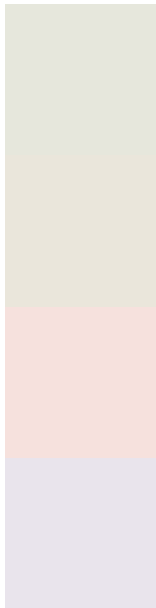
80.5461, 78.7765, 80.0674



Tritanopia

77.8822, 79.0232, 97.5344

Trichromacy



Original Color

74.1273, 79.1421, 79.0792

Protanomaly

75.0147, 79.2005, 78.3514

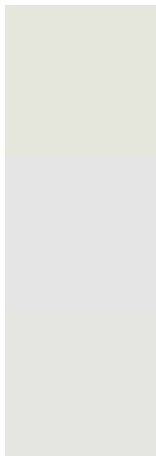
Deuteranomaly

77.9824, 78.6637, 79.4801

Tritanomaly

76.4880, 78.8666, 90.5483

Monochromacy



Original Color

74.1273, 79.1421, 79.0792

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3374, 78.7426, 83.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1273, 79.1421, 79.0792 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(230, 231, 220) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 220)  
}
```

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(230, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.1273, 79.1421, 79.0792 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(230, 231, 220) }
```


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

```
.border{ border-color:rgb(230, 231, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1273, 79.1421, 79.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 220) }
```

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

```
.background{ background-color: rgb(230,  
231, 220) }
```

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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