

Converting Colors

XYZ(75.2321, 79.4022, 74.3118)

Have a look what the booklet for
XYZ(75.2321, 79.4022, 74.3118)
contains.

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Color

**XYZ(75.2321, 79.4022,
74.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6D5
RGB	237, 230, 213
RGB Percent	93%, 90%, 84%
CMY	0.0706, 0.0980, 0.1647
CMYK	0.00, 0.03, 0.10, 0.07
HSL	43°, 40%, 88%
HSV	43°, 10%, 93%
XYZ	75.2321, 79.4022, 74.3118
YIQ	230.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

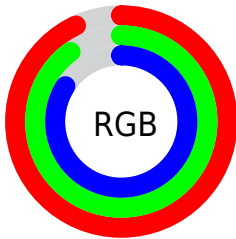
Format	Color
R_{YB}	223, 237, 213
Decimal	15591125
CIE Lab	91.42, -0.49, 9.11
CIE LCh	91, 9.125, 93.052
Yxy	79.4022, 0.3286, 0.3468
Android (android.graphics.Color)	4293781205 (0xFFE6D5)
YUV	230.1550, -8.4574, 6.0031
Hunter-Lab	89.1079, -5.2347, 12.9305

Details

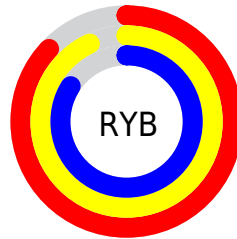
The XYZ color **75.2321, 79.4022, 74.3118** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.3198, 71.4458, 90.3112**, and the grayscale version is **75.3860, 79.3119, 86.3707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5576, 42.9523, 38.5008** is the 20% darker color. If you saturate the color by 10%, you get **70.5572, 74.5194, 58.9809**, and if you desaturate by 10%, it is **80.4272, 84.6202, 91.9869**.

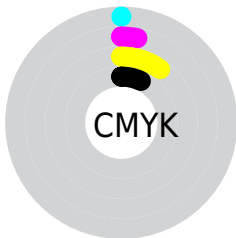
Distribution



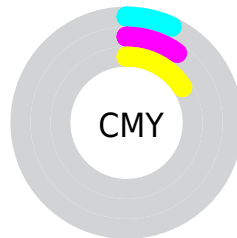
- Red (93%)
- Green (90%)
- Blue (84%)



- Red (87%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2321, 79.4022, 74.3118 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 75.2321, 79.4022, 74.3118 by changing the saturation by 10% instead.

■ 75.2321, 79.4022,
74.3118

■ 75.2321, 79.4022,
74.3118

467.6998,
492.9159, 494.7410

■ 56.0979, 59.2266,
54.5509

125.6270,
132.5249, 127.0758

■ 40.5187, 42.7955,
38.6461

157.6184,
166.2408, 160.9161

■ 28.1292, 29.7247,
26.1788

194.6263,
205.2389, 200.2865

■ 18.5641, 19.6297,
16.7305

237.0160,
249.9035, 245.6058

■ 11.4578, 12.1262,
9.8826

285.1528,
300.6192, 297.2923

■ 6.4452, 6.8297,
5.2166

339.4022,

■ 3.1609, 3.3558,

357.7702, 355.7646

2.3140

400.1294,
421.7410, 421.4413

■ 1.2394, 1.3202,
0.7390

■ 0.1371, 0.1568,
0.0000

■ 75.2321, 79.4022,
74.3118

■ 75.2321, 79.4022,
74.3118

■ 70.5572, 74.5194,
58.9809

■ 80.4272, 84.6202,
91.9869

■ 66.3762, 69.9520,
45.8887

■ 85.2726, 89.8191,
107.4502

■ 62.6700, 65.6937,
34.9295

■ 87.3884, 94.0507,
108.1555

■ 59.4155, 61.7337,
25.9866

■ 88.7354, 96.7447,
108.6045

■ 56.5877, 58.0606,
18.9323

■ 54.1587, 54.6617,
13.6241

■ 52.0965, 51.5227,
9.8991

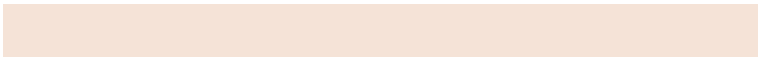
■ 50.3635, 48.6270,
7.5633

■ 48.9131, 45.9801,
6.2970

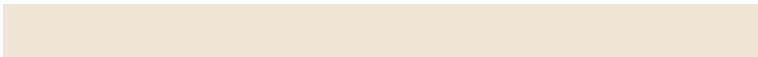
Harmonies

Analogous

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



77.5097, 79.4022, 75.5568



75.2321, 79.4022, 74.3118



73.0618, 79.4022, 76.1804

Triad

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



75.2321, 79.4022, 74.3118



71.7907, 79.4022, 93.6143



79.5174, 79.4022, 92.3772

Complementary

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



75.2321, 79.4022, 74.3118



68.3198, 71.4458, 90.3112

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.



77.9293, 79.4022, 97.6154



75.2321, 79.4022, 74.3118



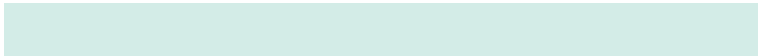
73.4652, 79.4022, 98.3549

Square

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



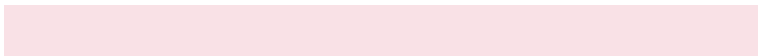
75.2321, 79.4022, 74.3118



71.1007, 79.4022, 87.1376



75.7072, 79.4022, 99.8549



80.0135, 79.4022, 85.7769

Rectangle

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



75.2321, 79.4022, 74.3118



71.9592, 79.4022, 78.9991



75.7072, 79.4022, 99.8549



79.0920, 79.4022, 94.3669

Sweetspot

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



75.2343, 79.4057, 74.3135



93.1353, 98.1025, 102.3061



71.6651, 70.7721, 77.7334



19.8273, 20.8907, 21.5299



0.0000, 0.0000, 0.0000



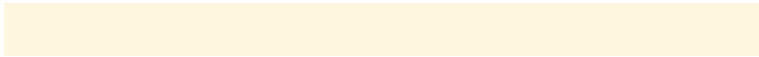
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2343, 79.4057, 74.3135



87.7292, 92.6241, 84.0602



75.6390, 82.5627, 74.9015



15.9596, 16.8422, 15.9284



26.8231, 25.3405, 3.4775



2.1885, 2.1543, 0.3005

Inverse Universe

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



68.3198, 71.4458, 90.3112



78.1440, 81.5901, 106.2376



67.9351, 68.5787, 89.7781



14.5889, 15.2643, 19.0996



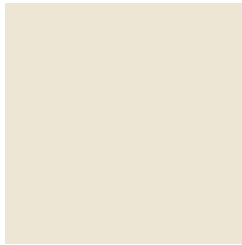
9.6084, 5.8638, 44.3684



0.8349, 0.6212, 3.5108

Previews

White Background



This preview shows how the XYZ color 75.2321, 79.4022, 74.3118 looks on a white background.

Color Contrast Check

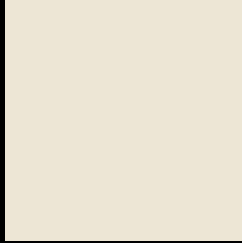
Large Text (above 18pt) WCAG AA × Fail

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 75.2321, 79.4022, 74.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

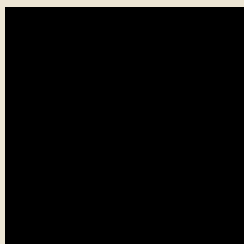
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

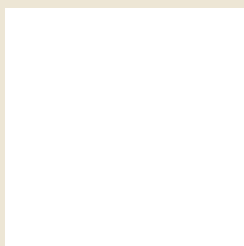
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2321, 79.4022, 74.3118

Background



This preview shows how black text looks on a background with the XYZ color 75.2321, 79.4022, 74.3118.

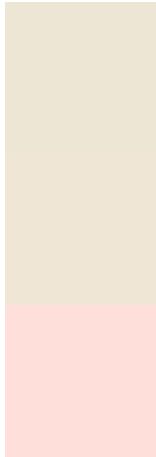


This preview shows how white text looks on a background with the XYZ color 75.2321, 79.4022,

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

75.2321, 79.4022, 74.3118

Protanopia

75.9037, 79.7484, 74.3432

Deuteranopia

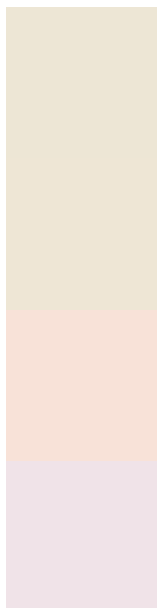
80.1521, 79.0451, 76.6784



Tritanopia

79.6496, 79.5645, 95.9535

Trichromacy



Original Color

75.2321, 79.4022, 74.3118

Protanomaly

75.5670, 79.5749, 74.3275

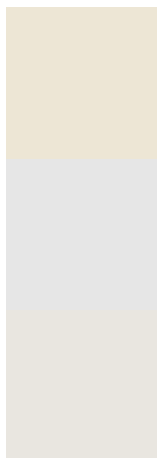
Deuteranomaly

78.3024, 79.3070, 76.1466

Tritanomaly

77.9698, 79.2896, 87.5389

Monochromacy



Original Color

75.2321, 79.4022, 74.3118

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3556, 79.2991, 81.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2321, 79.4022, 74.3118 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(237, 230, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 213)  
}
```

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(237, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.2321, 79.4022, 74.3118 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(237, 230, 213) }
```


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

```
.border{ border-color:rgb(237, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2321, 79.4022, 74.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 213) }
```

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

```
.background{ background-color: rgb(237,  
230, 213) }
```

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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