

Converting Colors

XYZ(75.0729, 79.1371, 73.3073)

Have a look what the booklet for
XYZ(75.0729, 79.1371, 73.3073)
contains.

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Color

**XYZ(75.1055, 79.3516,
73.6453)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6D4
RGB	237, 230, 212
RGB Percent	93%, 90%, 83%
CMY	0.0706, 0.0980, 0.1686
CMYK	0.00, 0.03, 0.11, 0.07
HSL	43°, 41%, 88%
HSV	43°, 11%, 93%
XYZ	75.1055, 79.3516, 73.6453
YIQ	230.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

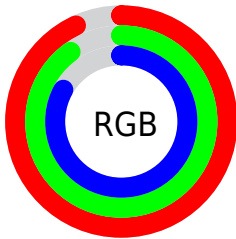
Format	Color
R _Y B	222, 237, 212
Decimal	15591124
CIE Lab	91.39, -0.65, 9.60
CIE LCh	91, 9.623, 93.855
Yxy	79.3516, 0.3293, 0.3479
Android (android.graphics.Color)	4293781204 (0xFFE6D4)
YUV	230.0410, -8.8942, 6.1030
Hunter-Lab	89.0795, -5.3907, 13.3384

Details

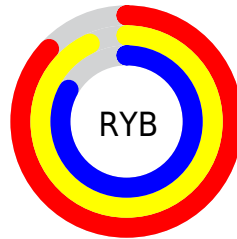
The XYZ color **75.1055, 79.3516, 73.6453** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.7688, 70.7732, 90.2103**, and the grayscale version is **75.3045, 79.2262, 86.2774**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4718, 42.9180, 38.0492** is the 20% darker color. If you saturate the color by 10%, you get **70.5228, 74.6241, 58.4346**, and if you desaturate by 10%, it is **80.2017, 84.4021, 91.1941**.

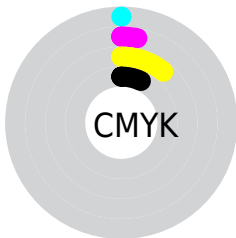
Distribution



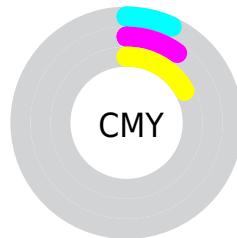
- Red (93%)
- Green (90%)
- Blue (83%)



- Red (87%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1055, 79.3516, 73.6453 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 75.1055, 79.3516, 73.6453 by changing the saturation by 10% instead.

75.1055, 79.3516,
73.6453

75.1055, 79.3516,
73.6453

467.2717,
492.7450, 492.3789

55.9938, 59.1849,
54.0087

125.4488,
132.4537, 126.1223

40.4349, 42.7620,
38.2154

157.4111,
166.1580, 159.7998

28.0635, 29.6984,
25.8468

194.3877,
205.1436, 198.9946

18.5143, 19.6098,
16.4843

236.7438,
249.7948, 244.1255

11.4217, 12.1117,
9.7095

284.8450,
300.4962, 295.6108

6.4206, 6.8198,
5.1037

339.0564,

3.1456, 3.3497,

357.6321, 353.8691

2.2484

399.7436,
421.5869, 419.3189

■ 1.2312, 1.3169,
0.7021

■ 0.1308, 0.1542,
0.0000

■ 75.1055, 79.3516,
73.6453

■ 75.1055, 79.3516,
73.6453

■ 70.5228, 74.6241,
58.4346

■ 80.2017, 84.4021,
91.1941

■ 66.4272, 70.1999,
45.4563

■ 85.1065, 89.4870,
107.3949

■ 62.7997, 66.0728,
34.6043

■ 87.1301, 93.5342,
108.0694

■ 59.6174, 62.2324,
25.7617

■ 88.7354, 96.7447,
108.6045

■ 56.8551, 58.6672,
18.8001

■ 54.4848, 55.3649,
13.5763

■ 52.4748, 52.3113,
9.9266

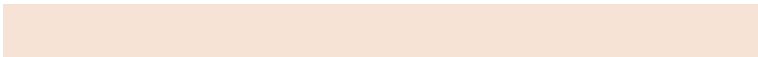
■ 50.7869, 49.4898,
7.6552

■ 49.4287, 47.0115,
6.4689

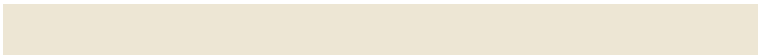
Harmonies

Analogous

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



77.5129, 79.3516, 74.8636



75.1055, 79.3516, 73.6453



72.8312, 79.3516, 75.6898

Triad

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



75.1055, 79.3516, 73.6453



71.5824, 79.3516, 94.1241



79.7228, 79.3516, 92.4729

Complementary

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



75.1055, 79.3516, 73.6453



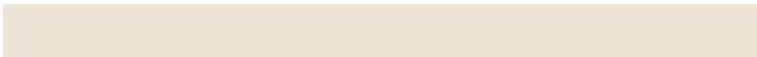
67.7688, 70.7732, 90.2103

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.



78.0721, 79.3516, 98.0766



75.1055, 79.3516, 73.6453



73.3677, 79.3516, 99.0655

Square

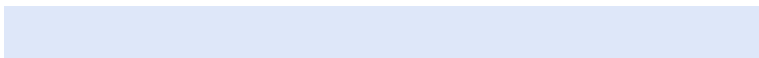
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



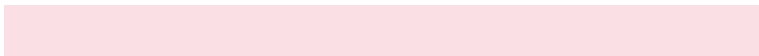
75.1055, 79.3516, 73.6453



70.8251, 79.3516, 87.3093



75.7380, 79.3516, 100.5493



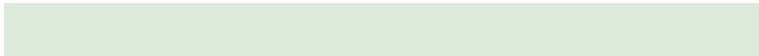
80.2122, 79.3516, 85.4978

Rectangle

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



75.1055, 79.3516, 73.6453



71.6865, 79.3516, 78.6963



75.7380, 79.3516, 100.5493



79.2836, 79.3516, 94.5916

Sweetspot

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



75.1077, 79.3551, 73.6470



93.1635, 98.1589, 102.3154



71.2666, 70.2115, 76.8724



19.8349, 20.9060, 21.5324



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.



75.1077, 79.3551, 73.6470



87.2766, 92.2697, 82.2117



75.3123, 82.4088, 74.2256



15.9750, 16.8730, 15.9336



27.1023, 25.8989, 3.5705



2.2086, 2.1946, 0.3072

Inverse Universe

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



67.7688, 70.7732, 90.2103



76.7394, 79.9482, 105.9947



67.5699, 68.0182, 89.6890



14.5743, 15.2351, 19.0948



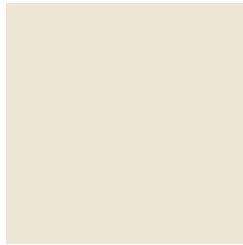
9.5147, 5.6763, 44.3371



0.8259, 0.6033, 3.5078

Previews

White Background



This preview shows how the XYZ color 75.1055, 79.3516, 73.6453 looks on a white background.

Color Contrast Check

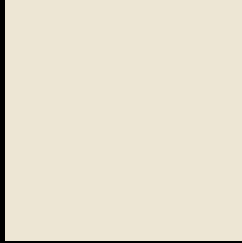
Large Text (above 18pt) WCAG AA × Fail

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 75.1055, 79.3516, 73.6453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

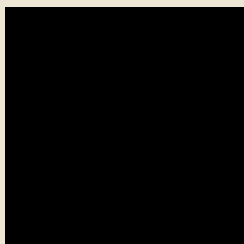
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

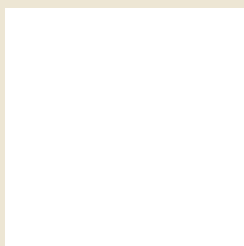
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1055, 79.3516, 73.6453

Background



This preview shows how black text looks on a background with the XYZ color 75.1055, 79.3516, 73.6453.



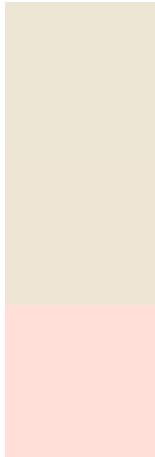
This preview shows how white text looks on a background with the XYZ color 75.1055, 79.3516,

73.6453.

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

75.1055, 79.3516, 73.6453

Protanopia

75.4996, 79.1428, 73.5842

Deuteranopia

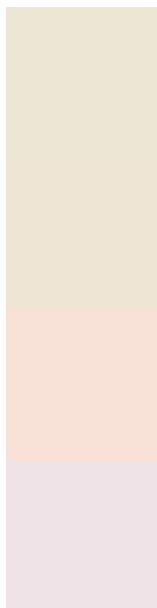
80.0223, 78.9932, 75.9953



Tritanopia

79.3785, 79.0223, 95.8631

Trichromacy



Original Color

75.1055, 79.3516, 73.6453

Protanomaly

75.1629, 78.9692, 73.5684

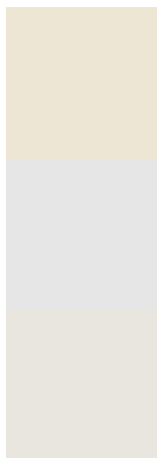
Deuteranomaly

78.1735, 79.2555, 75.4676

Tritanomaly

77.9698, 79.2896, 87.5389

Monochromacy



Original Color

75.1055, 79.3516, 73.6453

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2204, 79.2450, 81.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1055, 79.3516, 73.6453 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 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(237, 230, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.1055, 79.3516, 73.6453 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, 212) }
```


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

```
.border{ border-color:rgb(237, 230, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1055, 79.3516, 73.6453 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, 212) }
```

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

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