

Converting Colors

XYZ(74.6565, 74.9399, 81.1312)

Have a look what the booklet for
XYZ(74.6565, 74.9399, 81.1312)
contains.

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Color

**XYZ(74.6443, 74.9189,
81.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCE0
RGB	239, 220, 224
RGB Percent	94%, 86%, 88%
CMY	0.0627, 0.1372, 0.1216
CMYK	0.00, 0.08, 0.06, 0.06
HSL	347°, 37%, 90%
HSV	347°, 8%, 94%
XYZ	74.6443, 74.9189, 81.0476
YIQ	226.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

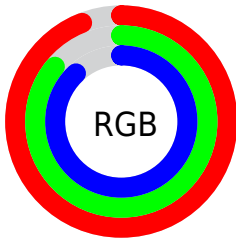
Format	Color
R _Y B	239, 220, 224
Decimal	15719648
CIE Lab	89.35, 7.19, 0.39
CIE LCh	89, 7.201, 3.117
Yxy	74.9189, 0.3237, 0.3249
Android (android.graphics.Color)	4293909728 (0xFFEFDCE0)
YUV	226.1370, -1.0535, 11.2809
Hunter-Lab	86.5557, 2.4632, 5.0720

Details

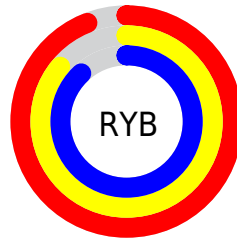
The XYZ color **74.6443, 74.9189, 81.0476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3799, 82.9487, 90.6390**, and the grayscale version is **72.3919, 76.1619, 82.9403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1450, 39.8421, 43.1105** is the 20% darker color. If you saturate the color by 10%, you get **66.3958, 62.2924, 66.3635**, and if you desaturate by 10%, it is **84.0780, 89.4590, 97.5302**.

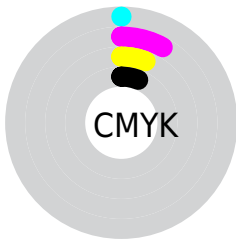
Distribution



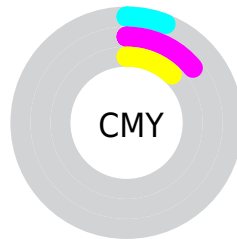
- Red (94%)
- Green (86%)
- Blue (88%)



- Red (94%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6443, 74.9189, 81.0476 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 74.6443, 74.9189, 81.0476 by changing the saturation by 10% instead.

74.6443, 74.9189,
81.0476

74.6443, 74.9189,
81.0476

465.7101,
477.6388, 518.2559

55.6147, 55.5465,
60.0496

124.7993,
126.1976, 136.6623

40.1299, 39.8394,
43.0330

156.6555,
158.8726, 172.1160

27.8245, 27.4134,
29.5794

193.5178,
196.7505, 213.2254

18.3332, 17.8839,
19.2703

235.7517,
240.2159, 260.4089

11.2906, 10.8667,
11.6869

283.7225,
289.6530, 314.0852

6.3314, 5.9772,
6.4109

337.7956,

3.0902, 2.8313,

345.4462, 374.6728

3.0237

398.3364,
407.9800, 442.5902

■ 1.2016, 1.0443,
1.1068

■ 0.1077, 0.0000,
0.0000

■ 74.6443, 74.9189,
81.0476

■ 74.6443, 74.9189,
81.0476

■ 66.3958, 62.2924,
66.3635

■ 84.0780, 89.4590,
97.5302

■ 59.2789, 51.4903,
53.4117

■ 89.4070, 97.0909,
108.6359

■ 53.2455, 42.4309,
42.1292

■ 48.2414, 35.0223,
32.4471

■ 44.2078, 29.1645,
24.2915

■ 41.0797, 24.7461,
17.5829

■ 38.7838, 21.6411,
12.2339

■ 37.2349, 19.7014,
8.1473

■ 36.3196, 18.7251,
5.2084

Harmonies

Analogous

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



74.2723, 74.9189, 86.0396



74.6443, 74.9189, 81.0476



74.0831, 74.9189, 76.3878

Triad

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



74.6443, 74.9189, 81.0476



69.3735, 74.9189, 73.7156



69.6875, 74.9189, 90.5361

Complementary

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



74.6443, 74.9189, 81.0476



75.3799, 82.9487, 90.6390

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.



68.4086, 74.9189, 86.9897



74.6443, 74.9189, 81.0476



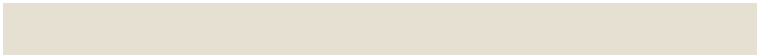
68.2294, 74.9189, 77.2656

Square

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



74.6443, 74.9189, 81.0476



71.0241, 74.9189, 72.2657



67.8791, 74.9189, 82.1026



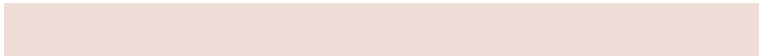
71.3925, 74.9189, 91.6491

Rectangle

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



74.6443, 74.9189, 81.0476



73.2606, 74.9189, 74.0579



67.8791, 74.9189, 82.1026



69.1944, 74.9189, 89.5820

Sweetspot

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



74.6464, 74.9222, 81.0492



92.8028, 96.5324, 104.9857



75.3980, 75.0641, 92.1772



19.8872, 20.6982, 22.5123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

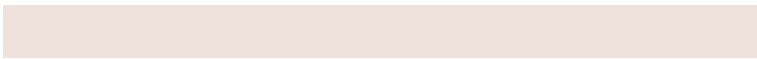
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6464, 74.9222, 81.0492



84.3736, 83.5660, 90.1773



75.5461, 77.5788, 78.7066



15.9088, 15.8132, 17.0761



20.0314, 10.2850, 2.8162



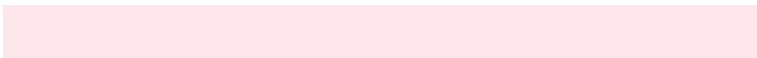
1.7016, 0.8697, 0.4197

Inverse Universe

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



74.6464, 74.9222, 81.0492



84.3736, 83.5660, 90.1773



74.4115, 80.0776, 93.1968



15.9088, 15.8132, 17.0761



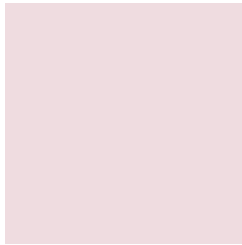
20.0314, 10.2850, 2.8162



1.7016, 0.8697, 0.4197

Previews

White Background



This preview shows how the XYZ color 74.6443, 74.9189, 81.0476 looks on a white background.

Color Contrast Check

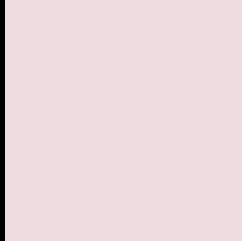
Large Text (above 18pt) WCAG AA × Fail

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 74.6443, 74.9189, 81.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

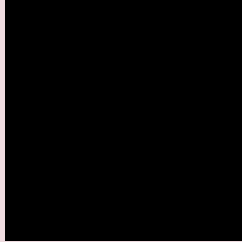
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

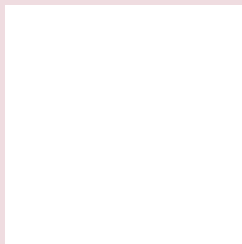
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6443, 74.9189, 81.0476

Background



This preview shows how black text looks on a background with the XYZ color 74.6443, 74.9189, 81.0476.



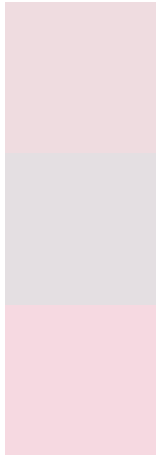
This preview shows how white text looks on a background with the XYZ color 74.6443, 74.9189,

81.0476.

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

74.6443, 74.9189, 81.0476

Protanopia

72.1101, 74.7603, 82.5811

Deuteranopia

76.4095, 74.6548, 81.6168



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

74.6443, 74.9189, 81.0476

Protanomaly

72.9906, 74.8346, 81.8317

Deuteranomaly

75.6242, 74.6337, 81.6541

Tritanomaly

75.6905, 74.9578, 86.0803

Monochromacy



Original Color

74.6443, 74.9189, 81.0476

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.2013, 75.7365, 81.9946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6443, 74.9189, 81.0476 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(239, 220, 224) looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 224)  
}
```

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(239, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.6443, 74.9189, 81.0476 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(239, 220, 224) }
```


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

```
.border{ border-color:rgb(239, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6443, 74.9189, 81.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 224) }
```

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

```
.background{ background-color: rgb(239,  
220, 224) }
```

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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