

Converting Colors

XYZ(79.4020, 83.3220, 75.1753)

Have a look what the booklet for
XYZ(79.4020, 83.3220, 75.1753)
contains.

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Color

**XYZ(79.4391, 83.2426,
74.8313)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EAD5
RGB	246, 234, 213
RGB Percent	96%, 92%, 84%
CMY	0.0353, 0.0823, 0.1647
CMYK	0.00, 0.05, 0.13, 0.04
HSL	38°, 65%, 90%
HSV	38°, 13%, 96%
XYZ	79.4391, 83.2426, 74.8313
YIQ	235.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

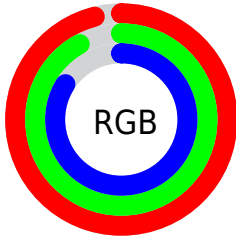
Format	Color
RYB	232, 246, 213
Decimal	16181973
CIELab	93.12, 0.63, 11.64
CIELCh	93, 11.659, 86.891
Yxy	83.2426, 0.3345, 0.3505
Android (android.graphics.Color)	4294372053 (0xFFFF6EAD5)
YUV	235.1940, -10.9416, 9.4769
Hunter-Lab	91.2374, -4.2480, 15.2376

Details

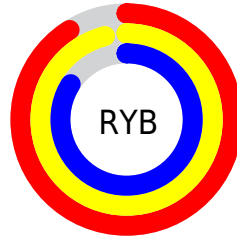
The XYZ color **79.4391, 83.2426, 74.8313** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0000, 74.6488, 97.8560**, and the grayscale version is **79.1886, 83.3126, 90.7274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3272, 45.2566, 38.7996** is the 20% darker color. If you saturate the color by 10%, you get **74.0694, 77.1264, 58.7873**, and if you desaturate by 10%, it is **85.4155, 89.8127, 93.4162**.

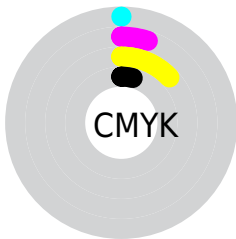
Distribution



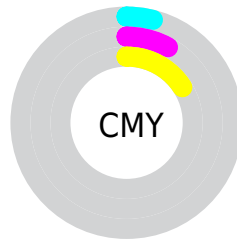
- Red (96%)
- Green (92%)
- Blue (84%)



- Red (91%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4391, 83.2426, 74.8313 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 79.4391, 83.2426, 74.8313 by changing the saturation by 10% instead.


 79.4391, 83.2426,
74.8313

 79.4391, 83.2426,
74.8313


481.8059,
505.7947, 496.5775

 59.5638, 62.3903,
54.9738


131.5315,
137.9152, 127.8184

 43.3152, 45.3481,
38.9823

164.4793,
172.5043, 161.7851

 30.3281, 31.7317,
26.4382


202.5153,
212.4411, 201.2920

 20.2371, 21.1567,
16.9231

246.0049,
258.1100, 246.7576

 12.6768, 13.2386,
10.0183

295.3134,
309.8954, 298.6003

 7.2818, 7.5930,
5.3053

350.8062,

 3.6868, 3.8357,

368.1817, 357.2389

2.3656

412.8486,
433.3534, 423.0917

■ 1.5265, 1.5821,
0.7676

■ 0.3438, 0.3455,
0.0000

■ 79.4391, 83.2426,
74.8313

■ 79.4391, 83.2426,
74.8313

■ 74.0694, 77.1264,
58.7873

■ 85.4155, 89.8127,
93.4162

■ 69.2765, 71.4406,
45.1662

■ 90.8321, 96.3646,
108.4206

■ 65.0379, 66.1762,
33.8488

■ 91.8163, 98.3330,
108.7487

■ 61.3267, 61.3190,
24.7031

■ 58.1134, 56.8543,
17.5842

■ 55.3652, 52.7654,
12.3289

■ 53.0442, 49.0339,
8.7484

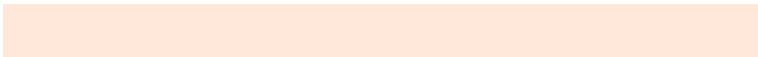
■ 51.1049, 45.6381,
6.6136

■ 49.9928, 43.5659,
5.7742

Harmonies

Analogous

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



82.3771, 83.2426, 77.2427



79.4391, 83.2426, 74.8313



76.4882, 83.2426, 76.4242

Triad

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



79.4391, 83.2426, 74.8313



73.9874, 83.2426, 98.4740



84.1509, 83.2426, 100.1562

Complementary

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



79.4391, 83.2426, 74.8313



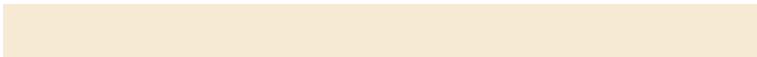
71.0000, 74.6488, 97.8560

Split Complementary

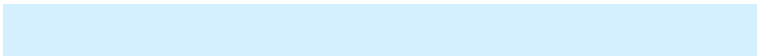
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8107, 83.2426, 106.5110



79.4391, 83.2426, 74.8313



75.9491, 83.2426, 105.4967

Square

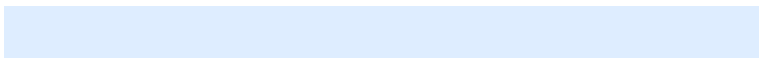
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4391, 83.2426, 74.8313



73.3889, 83.2426, 89.7263



78.8009, 83.2426, 108.5250



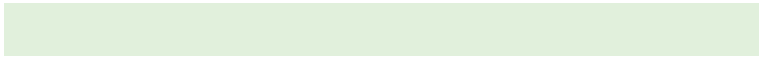
85.1411, 83.2426, 91.5539

Rectangle

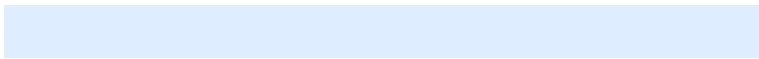
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4391, 83.2426, 74.8313



74.9015, 83.2426, 79.6026



78.8009, 83.2426, 108.5250



83.4932, 83.2426, 102.6468

Sweetspot

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



79.4414, 83.2463, 74.8331



92.2795, 97.0176, 100.0888



75.4055, 72.6241, 81.3503



19.6427, 20.6476, 21.0795



0.0000, 0.0000, 0.0000



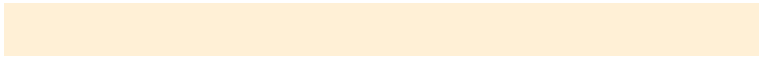
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4414, 83.2463, 74.8331



84.6132, 88.5454, 76.3837



81.4476, 89.5230, 75.9389



17.3786, 18.2414, 17.4026



26.8221, 23.5297, 3.1280



2.4549, 2.2630, 0.3074

Inverse Universe

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



71.0000, 74.6488, 97.8560



73.8677, 77.6017, 105.6931



69.1642, 69.0566, 96.8734



16.0743, 16.9128, 20.9599



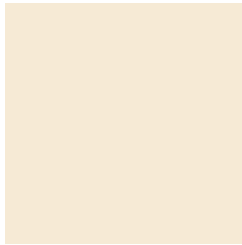
10.9257, 7.6452, 47.4378



1.0544, 0.8603, 4.2007

Previews

White Background



This preview shows how the XYZ color 79.4391, 83.2426, 74.8313 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 79.4391, 83.2426, 74.8313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

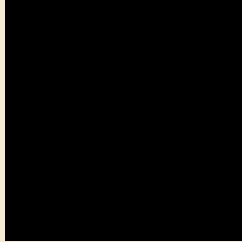
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

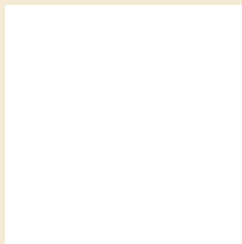
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4391, 83.2426, 74.8313

Background



This preview shows how black text looks on a background with the XYZ color 79.4391, 83.2426, 74.8313.

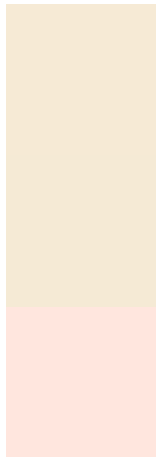


This preview shows how white text looks on a background with the XYZ color 79.4391, 83.2426,

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

79.4391, 83.2426, 74.8313

Protanopia

79.0892, 83.0622, 74.8149

Deuteranopia

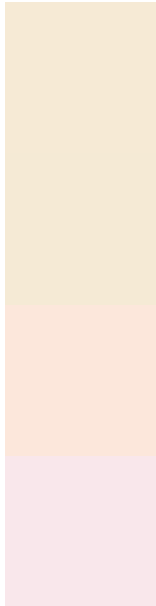
82.7216, 83.1276, 80.7926



Tritanopia

84.5915, 83.2633, 99.6087

Trichromacy



Original Color

79.4391, 83.2426, 74.8313

Protanomaly

79.0892, 83.0622, 74.8149

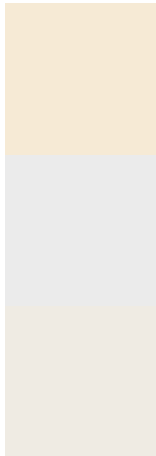
Deuteranomaly

81.5070, 82.9617, 78.7352

Tritanomaly

82.6382, 83.2897, 90.3183

Monochromacy



Original Color

79.4391, 83.2426, 74.8313

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1701, 83.3134, 84.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4391, 83.2426, 74.8313 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(246, 234, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 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(246, 234, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 213) }
```

Border

The CSS property to change the border of an element to XYZ 79.4391, 83.2426, 74.8313 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(246, 234, 213) }
```


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

```
.border{ border-color:rgb(246, 234, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 234, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4391, 83.2426, 74.8313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 213) }
```

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

```
.background{ background-color: rgb(246,  
234, 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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