

Converting Colors

XYZ(79.5040, 83.5453, 80.4265)

Have a look what the booklet for
XYZ(79.5040, 83.5453, 80.4265)
contains.

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Color

**XYZ(79.3774, 83.5144,
80.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EBDD
RGB	242, 235, 221
RGB Percent	95%, 92%, 87%
CMY	0.0510, 0.0784, 0.1333
CMYK	0.00, 0.03, 0.09, 0.05
HSL	40°, 45%, 91%
HSV	40°, 9%, 95%
XYZ	79.3774, 83.5144, 80.3429
YIQ	235.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

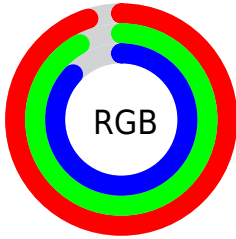
Format	Color
RYB	232, 242, 221
Decimal	15920093
CIELab	93.24, -0.00, 7.62
CIElCh	93, 7.615, 90.008
Yxy	83.5144, 0.3263, 0.3433
Android (android.graphics.Color)	4294110173 (0xFFFF2EBDD)
YUV	235.4970, -7.1470, 5.7031
Hunter-Lab	91.3862, -4.8821, 11.8451

Details

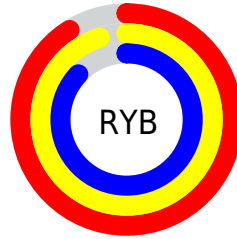
The XYZ color **79.3774, 83.5144, 80.3429** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5890, 77.2683, 95.0409**, and the grayscale version is **79.3946, 83.5293, 90.9634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2527, 45.4325, 42.5661** is the 20% darker color. If you saturate the color by 10%, you get **74.1276, 77.8075, 63.8157**, and if you desaturate by 10%, it is **85.2013, 89.6237, 99.3564**.

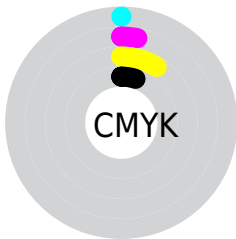
Distribution



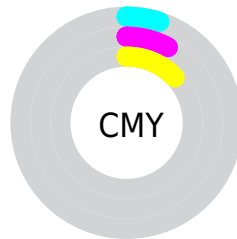
- Red (95%)
- Green (92%)
- Blue (87%)



- Red (91%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3774, 83.5144, 80.3429 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 79.3774, 83.5144, 80.3429 by changing the saturation by 10% instead.

79.3774, 83.5144,
80.3429

79.3774, 83.5144,
80.3429

481.6007,
506.6993, 515.8249

59.5129, 62.6146,
59.4727

131.4452,
138.2957, 135.6635

43.2741, 45.5295,
42.5713

164.3791,
172.9460, 170.9510

30.2957, 31.8747,
29.2200

202.4002,
212.9485, 211.8813

20.2123, 21.2658,
19.0003

245.8738,
258.6877, 258.8731

12.6586, 13.3184,
11.4937

295.1653,
310.5480, 312.3448

7.2693, 7.6482,
6.2816

350.6401,

3.6789, 3.8707,

368.9138, 372.7149

2.9455

412.6634,
434.1694, 440.4021

■ 1.5221, 1.6015,
1.0669

■ 0.3408, 0.3586,
0.0000

■ 79.3774, 83.5144,
80.3429

■ 79.3774, 83.5144,
80.3429

■ 74.1276, 77.8075,
63.8157

■ 85.2013, 89.6237,
99.3564

■ 69.4237, 72.4814,
49.6646

■ 89.2056, 95.1720,
108.2761

■ 65.2456, 67.5286,
37.7794

■ 90.4283, 97.6174,
108.6837

■ 61.5687, 62.9369,
28.0386

■ 58.3665, 58.6934,
20.3096

■ 55.6096, 54.7840,
14.4447

■ 53.2647, 51.1929,
10.2758

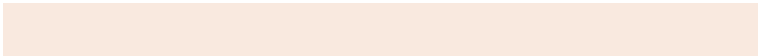
■ 51.2925, 47.9018,
7.6040

■ 49.6365, 44.8857,
6.1396

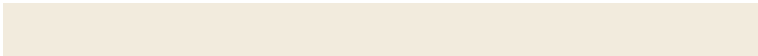
Harmonies

Analogous

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



81.3188, 83.5144, 81.7105



79.3774, 83.5144, 80.3429



77.4673, 83.5144, 81.7120

Triad

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



79.3774, 83.5144, 80.3429



76.0893, 83.5144, 96.5616



82.7605, 83.5144, 96.5589

Complementary

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



79.3774, 83.5144, 80.3429



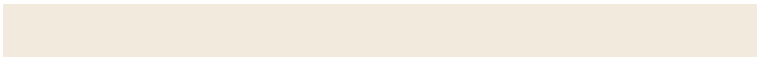
73.5890, 77.2683, 95.0409

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.



81.3197, 83.5144, 100.8229



79.3774, 83.5144, 80.3429



77.4682, 83.5144, 100.8245

Square

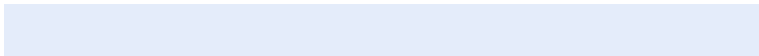
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



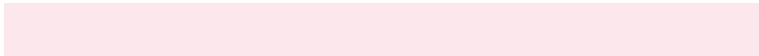
79.3774, 83.5144, 80.3429



75.5885, 83.5144, 90.9345



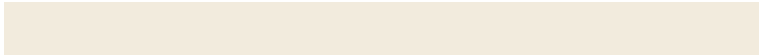
79.3785, 83.5144, 102.4150



83.2919, 83.5144, 90.9315

Rectangle

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



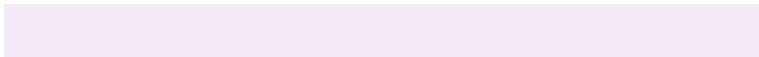
79.3774, 83.5144, 80.3429



76.4637, 83.5144, 84.0268



79.3785, 83.5144, 102.4150



82.3653, 83.5144, 98.2076

Sweetspot

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



79.3797, 83.5181, 80.3447



93.0350, 97.9019, 102.2726



76.4790, 76.1928, 84.0757



19.8002, 20.8365, 21.5208



0.0000, 0.0000, 0.0000



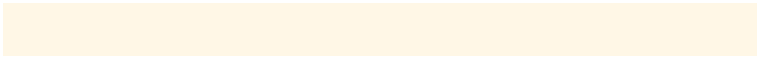
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3797, 83.5181, 80.3447



88.5626, 93.1648, 87.8101



80.2322, 86.9894, 80.9698



16.6535, 17.5202, 16.6537



26.6854, 24.1688, 3.2586



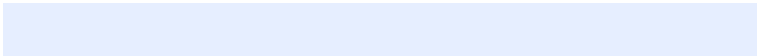
2.3110, 2.1926, 0.3014

Inverse Universe

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



73.5890, 77.2683, 95.0409



81.0957, 85.1061, 106.7607



72.7803, 74.0523, 94.4627



15.3274, 16.0890, 20.0192



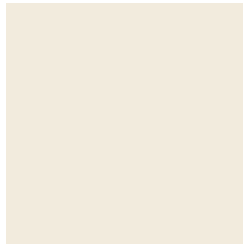
10.2871, 6.7984, 45.8979



0.9439, 0.7417, 3.8476

Previews

White Background



This preview shows how the XYZ color 79.3774, 83.5144, 80.3429 looks on a white background.

Color Contrast Check

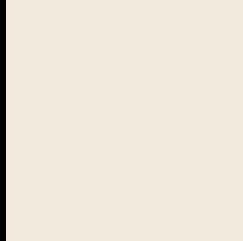
Large Text (above 18pt) WCAG AA × Fail

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 79.3774, 83.5144, 80.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

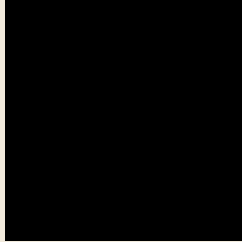
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

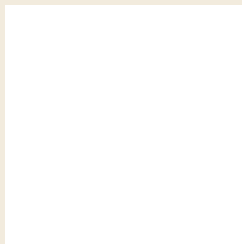
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3774, 83.5144, 80.3429

Background



This preview shows how black text looks on a background with the XYZ color 79.3774, 83.5144, 80.3429.



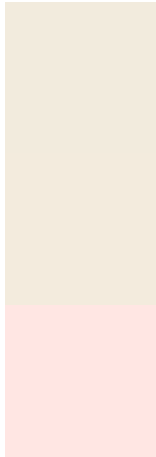
This preview shows how white text looks on a background with the XYZ color 79.3774, 83.5144,

80.3429.

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

79.3774, 83.5144, 80.3429

Protanopia

79.7216, 83.6918, 80.3590

Deuteranopia

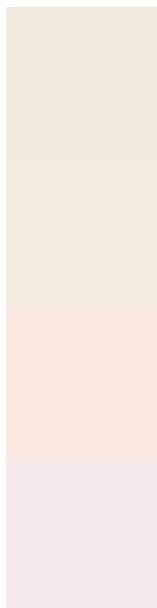
83.4019, 83.3997, 84.3750



Tritanopia

83.6808, 83.5842, 101.3454

Trichromacy



Original Color

79.3774, 83.5144, 80.3429

Protanomaly

79.7216, 83.6918, 80.3590

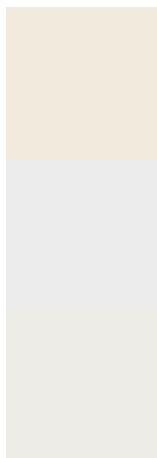
Deuteranomaly

81.8716, 83.4735, 83.0311

Tritanomaly

82.0928, 83.3577, 93.4242

Monochromacy



Original Color

79.3774, 83.5144, 80.3429

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.6792, 83.9376, 87.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3774, 83.5144, 80.3429 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(242, 235, 221) looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 221)  
}
```

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(242, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 79.3774, 83.5144, 80.3429 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(242, 235, 221) }
```


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

```
.border{ border-color:rgb(242, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3774, 83.5144, 80.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 221) }
```

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

```
.background{ background-color: rgb(242,  
235, 221) }
```

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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