

Converting Colors

XYZ(79.1741, 84.7439, 73.8450)

Have a look what the booklet for
XYZ(79.1741, 84.7439, 73.8450)
contains.

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Color

**XYZ(79.2946, 84.9069,
73.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EED3
RGB	243, 238, 211
RGB Percent	95%, 93%, 83%
CMY	0.0471, 0.0666, 0.1725
CMYK	0.00, 0.02, 0.13, 0.05
HSL	51°, 57%, 89%
HSV	51°, 13%, 95%
XYZ	79.2946, 84.9069, 73.8374
YIQ	236.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

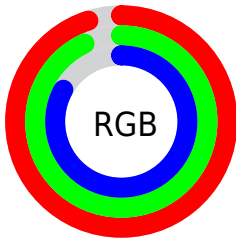
Format	Color
RYB	217, 243, 211
Decimal	15986387
CIELab	93.84, -2.77, 13.67
CIElCh	94, 13.949, 101.443
Yxy	84.9069, 0.3331, 0.3567
Android (android.graphics.Color)	4294176467 (0xFFFF3EED3)
YUV	236.4170, -12.5306, 5.7733
Hunter-Lab	92.1449, -7.6469, 16.9913

Details

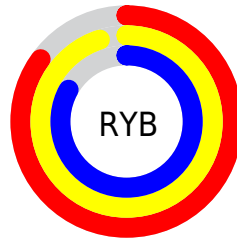
The XYZ color **79.2946, 84.9069, 73.8374** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.5974, 69.4305, 94.6336**, and the grayscale version is **80.1372, 84.3105, 91.8142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2222, 46.4210, 38.1346** is the 20% darker color. If you saturate the color by 10%, you get **75.3836, 81.5967, 58.6231**, and if you desaturate by 10%, it is **83.6940, 88.4553, 91.4886**.

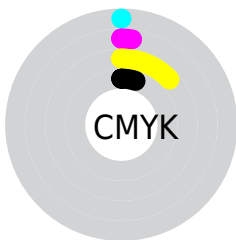
Distribution



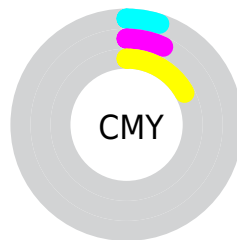
- Red (95%)
- Green (93%)
- Blue (83%)



- Red (85%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2946, 84.9069, 73.8374 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 79.2946, 84.9069, 73.8374 by changing the saturation by 10% instead.

79.2946, 84.9069,
73.8374

79.2946, 84.9069,
73.8374

481.3252,
511.3200, 493.0604

59.4445, 63.7645,
54.1650

131.3293,
140.2431, 126.3972

43.2188, 46.4599,
38.3395

164.2446,
175.2056, 160.1217

30.2521, 32.6089,
25.9424

202.2456,
215.5437, 199.3672

20.1790, 21.8270,
16.5552

245.6978,
261.6416, 244.5524

12.6343, 13.7298,
9.7593

294.9666,
313.8838, 296.0958

7.2524, 7.9330,
5.1361

350.4171,

3.6682, 4.0521,

372.6546, 354.4159

2.2672

412.4149,
438.3386, 419.9312

■ 1.5162, 1.7028,
0.7128

■ 0.3368, 0.4254,
0.0000

■ 79.2946, 84.9069,
73.8374

■ 79.2946, 84.9069,
73.8374

■ 75.3836, 81.5967,
58.6231

■ 83.6940, 88.4553,
91.4886

■ 71.9335, 78.5051,
45.7316

■ 87.8445, 91.9388,
107.7238

■ 68.9242, 75.6266,
35.0480

■ 89.0076, 94.2651,
108.1115

■ 66.3315, 72.9512,
26.4453

■ 90.1944, 96.6387,
108.5071

■ 64.1286, 70.4681,
19.7837

■ 90.7725, 97.7949,
108.6998

■ 62.2856, 68.1651,
14.9060

■ 60.7679, 66.0280,
11.6307

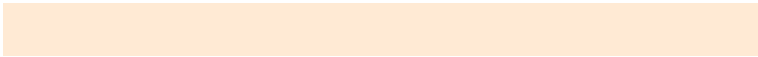
■ 59.5335, 64.0399,
9.7373

■ 58.8101, 62.7500,
9.0123

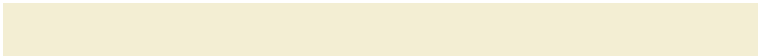
Harmonies

Analogous

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



82.9929, 84.9069, 74.4036



79.2946, 84.9069, 73.8374



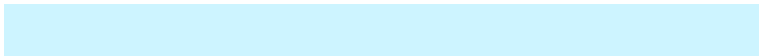
76.0718, 84.9069, 77.9656

Triad

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



79.2946, 84.9069, 73.8374



75.4716, 84.9069, 106.6401



87.6543, 84.9069, 99.1042

Complementary

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



79.2946, 84.9069, 73.8374



67.5974, 69.4305, 94.6336

Split Complementary

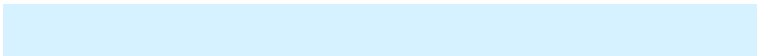
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5153, 84.9069, 108.6238



79.2946, 84.9069, 73.8374



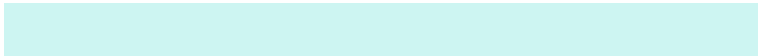
78.4526, 84.9069, 113.1993

Square

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



79.2946, 84.9069, 73.8374



73.9101, 84.9069, 96.5615



82.1249, 84.9069, 113.9519



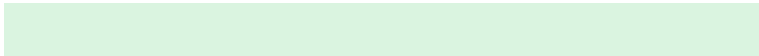
87.8966, 84.9069, 88.4553

Rectangle

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



79.2946, 84.9069, 73.8374



74.5970, 84.9069, 83.0234



82.1249, 84.9069, 113.9519



87.1302, 84.9069, 102.5626

Sweetspot

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



79.2969, 84.9106, 73.8392



92.9450, 98.3486, 100.3107



72.6953, 70.6195, 74.9926



19.8115, 20.9852, 21.1357



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.



79.2969, 84.9106, 73.8392



87.1649, 93.6487, 77.2343



77.1965, 86.0170, 74.1635



17.6815, 18.8471, 17.5035



32.3586, 34.6028, 4.9735



2.9021, 3.1574, 0.4565

Inverse Universe

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



67.5974, 69.4305, 94.6336



71.5828, 73.0319, 104.9315



69.4952, 68.5378, 94.3612



15.7900, 16.3443, 20.8651



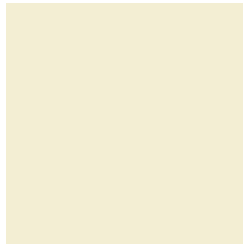
9.3197, 4.4332, 46.9025



0.8797, 0.5109, 4.1425

Previews

White Background



This preview shows how the XYZ color 79.2946, 84.9069, 73.8374 looks on a white background.

Color Contrast Check

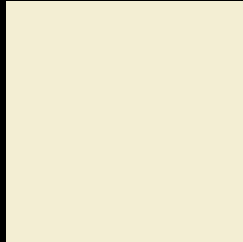
Large Text (above 18pt) WCAG AA × Fail

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 79.2946, 84.9069, 73.8374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

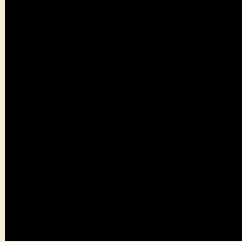
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

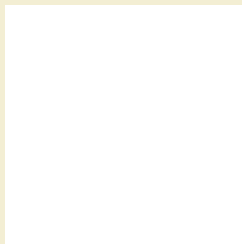
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2946, 84.9069, 73.8374

Background



This preview shows how black text looks on a background with the XYZ color 79.2946, 84.9069, 73.8374.



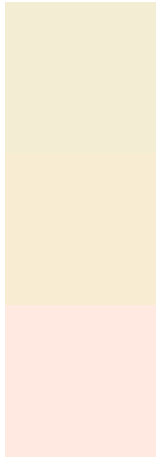
This preview shows how white text looks on a background with the XYZ color 79.2946, 84.9069,

73.8374.

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

79.2946, 84.9069, 73.8374

Protanopia

80.6284, 85.1780, 73.1642

Deuteranopia

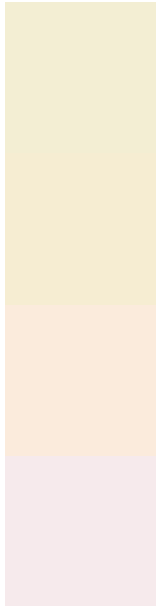
83.9695, 84.9741, 83.2101



Tritanopia

84.9806, 84.6347, 103.1240

Trichromacy



Original Color

79.2946, 84.9069, 73.8374

Protanomaly

79.9231, 84.8143, 73.1312

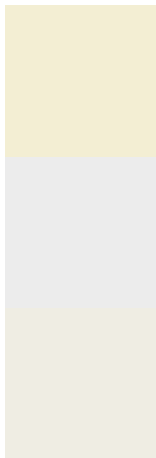
Deuteranomaly

82.4103, 85.0932, 79.7913

Tritanomaly

82.5692, 84.4946, 91.3141

Monochromacy



Original Color

79.2946, 84.9069, 73.8374

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7459, 84.4651, 84.7734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2946, 84.9069, 73.8374 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(243, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 211)  
}
```

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(243, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 211) }
```

Border

The CSS property to change the border of an element to XYZ 79.2946, 84.9069, 73.8374 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(243, 238, 211) }
```


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

```
.border{ border-color:rgb(243, 238, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2946, 84.9069, 73.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 211) }
```

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

```
.background{ background-color: rgb(243,  
238, 211) }
```

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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