

Converting Colors

XYZ(79.6020, 83.4173, 73.0402)

Have a look what the booklet for
XYZ(79.6020, 83.4173, 73.0402)
contains.

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Color

**XYZ(79.4134, 83.2729,
72.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EAD2
RGB	247, 234, 210
RGB Percent	97%, 92%, 82%
CMY	0.0314, 0.0823, 0.1765
CMYK	0.00, 0.05, 0.15, 0.03
HSL	39°, 70%, 90%
HSV	39°, 15%, 97%
XYZ	79.4134, 83.2729, 72.8605
YIQ	235.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

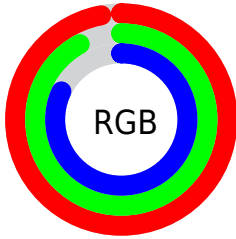
Format	Color
R _Y B	230, 247, 210
Decimal	16247506
CIE Lab	93.13, 0.52, 13.23
CIE LCh	93, 13.238, 87.730
Yxy	83.2729, 0.3371, 0.3535
Android (android.graphics.Color)	4294437586 (0xFFF7EAD2)
YUV	235.1510, -12.3994, 10.3916
Hunter-Lab	91.2540, -4.3556, 16.5385

Details

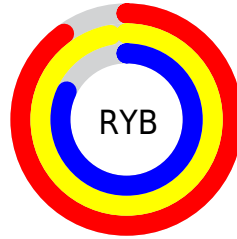
The XYZ color **79.4134, 83.2729, 72.8605** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.7542, 73.1908, 98.4471**, and the grayscale version is **79.1657, 83.2885, 90.7012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1563, 45.1882, 37.9001** is the 20% darker color. If you saturate the color by 10%, you get **74.1616, 77.3194, 57.0815**, and if you desaturate by 10%, it is **85.2656, 89.6657, 91.1849**.

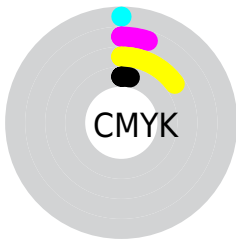
Distribution



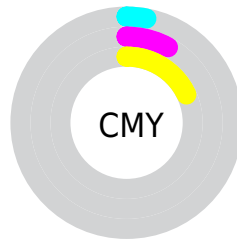
- Red (97%)
- Green (92%)
- Blue (82%)



- Red (90%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4134, 83.2729, 72.8605 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 79.4134, 83.2729, 72.8605 by changing the saturation by 10% instead.


 79.4134, 83.2729,
72.8605

 79.4134, 83.2729,
72.8605

481.7204,
505.8956, 489.5890

 59.5426, 62.4153,
53.3708


131.4955,
137.9576, 124.9982

 43.2981, 45.3684,
37.7091


164.4376,
172.5535, 158.4833

 30.3146, 31.7477,
25.4569


202.4674,
212.4977, 197.4706

 20.2268, 21.1688,
16.1957

245.9503,
258.1744, 242.3786

 12.6692, 13.2475,
9.5069

295.2517,
309.9682, 293.6260

 7.2766, 7.5992,
4.9719

350.7370,

 3.6835, 3.8396,

368.2634, 351.6311

2.1724

412.7714,
433.4444, 416.8126

■ 1.5247, 1.5842,
0.6584

■ 0.3425, 0.3469,
0.0000

■ 79.4134, 83.2729,
72.8605

■ 79.4134, 83.2729,
72.8605

■ 74.1616, 77.3194,
57.0815

■ 85.2656, 89.6657,
91.1849

■ 69.4802, 71.7819,
43.7276

■ 91.0166, 96.2115,
108.3813

■ 65.3461, 66.6514,
32.6768

■ 92.1680, 98.5143,
108.7651

■ 61.7322, 61.9140,
23.7941

■ 58.6083, 57.5549,
16.9306

■ 55.9409, 53.5575,
11.9181

■ 53.6909, 49.9032,
8.5611

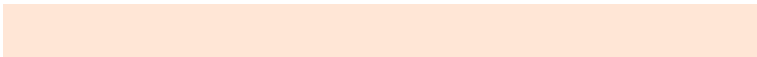
■ 51.8109, 46.5698,
6.6190

■ 50.9721, 45.0025,
5.9998

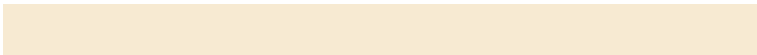
Harmonies

Analogous

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



82.7700, 83.2729, 75.4322



79.4134, 83.2729, 72.8605



76.0797, 83.2729, 74.7636

Triad

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



79.4134, 83.2729, 72.8605



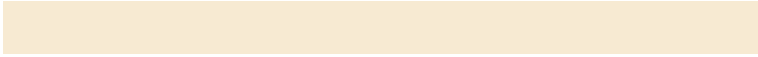
73.3797, 83.2729, 99.8693



84.9340, 83.2729, 101.2764

Complementary

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



79.4134, 83.2729, 72.8605



69.7542, 73.1908, 98.4471

Split Complementary

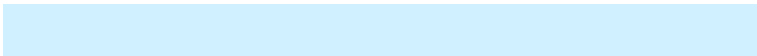
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2985, 83.2729, 108.6863



79.4134, 83.2729, 72.8605



75.6340, 83.2729, 107.8331

Square

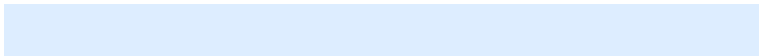
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4134, 83.2729, 72.8605



72.6574, 83.2729, 89.9140



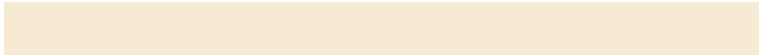
78.8840, 83.2729, 111.1682



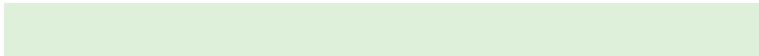
86.0149, 83.2729, 91.4303

Rectangle

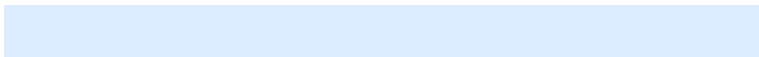
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4134, 83.2729, 72.8605



74.3060, 83.2729, 78.3972



78.8840, 83.2729, 111.1682



84.1968, 83.2729, 104.1611

Sweetspot

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



79.4156, 83.2766, 72.8623



92.3187, 97.0959, 100.1019



74.8011, 71.2268, 80.0200



19.6526, 20.6675, 21.0828



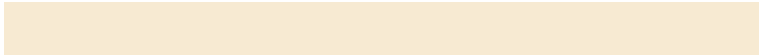
0.0000, 0.0000, 0.0000



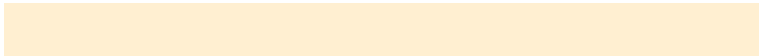
20.3446, 21.4041, 23.3091

Same Dimension

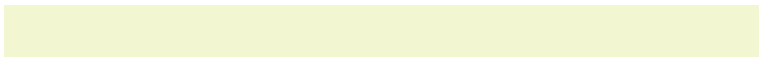
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4156, 83.2766, 72.8623



83.5921, 87.5306, 72.8759



81.5352, 90.0644, 74.0607



17.3963, 18.2768, 17.4085



27.0957, 24.0770, 3.2192



2.4777, 2.3086, 0.3150

Inverse Universe

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



69.7542, 73.1908, 98.4471



71.3578, 74.7599, 105.2769



67.8409, 67.2467, 97.4006



16.0572, 16.8788, 20.9542



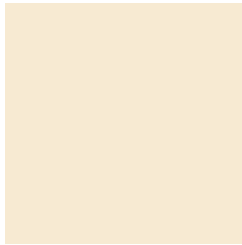
10.7910, 7.3758, 47.3930



1.0412, 0.8339, 4.1963

Previews

White Background



This preview shows how the XYZ color 79.4134, 83.2729, 72.8605 looks on a white background.

Color Contrast Check

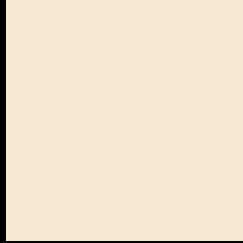
Large Text (above 18pt) WCAG AA × Fail

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 79.4134, 83.2729, 72.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

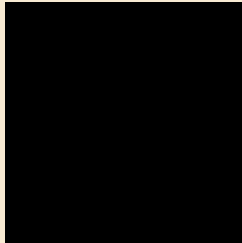
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4134, 83.2729, 72.8605

Background



This preview shows how black text looks on a background with the XYZ color 79.4134, 83.2729, 72.8605.



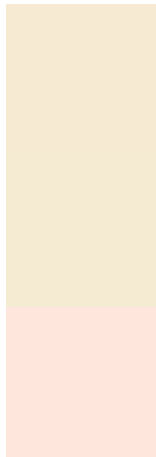
This preview shows how white text looks on a background with the XYZ color 79.4134, 83.2729,

72.8605.

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

79.4134, 83.2729, 72.8605

Protanopia

78.9974, 83.4823, 72.9229

Deuteranopia

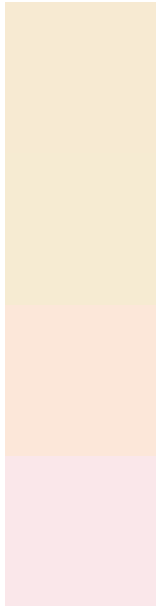
82.5880, 83.0741, 80.0887



Tritanopia

84.9527, 83.4495, 99.6256

Trichromacy



Original Color

79.4134, 83.2729, 72.8605

Protanomaly

79.3472, 83.6626, 72.9392

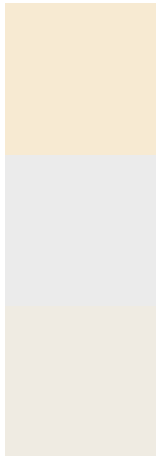
Deuteranomaly

81.2452, 82.8570, 77.3566

Tritanomaly

82.8515, 83.4163, 89.5761

Monochromacy



Original Color

79.4134, 83.2729, 72.8605

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0324, 83.2584, 83.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4134, 83.2729, 72.8605 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(247, 234, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 210)  
}
```

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(247, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.4134, 83.2729, 72.8605 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(247, 234, 210) }
```


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

```
.border{ border-color:rgb(247, 234, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 234, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4134, 83.2729, 72.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 210) }
```

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

```
.background{ background-color: rgb(247,  
234, 210) }
```

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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