

Converting Colors

XYZ(79.2214, 81.9765, 72.8996)

Have a look what the booklet for
XYZ(79.2214, 81.9765, 72.8996)
contains.

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Color

**XYZ(79.2757, 81.9447,
72.6114)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7D2
RGB	249, 231, 210
RGB Percent	98%, 91%, 82%
CMY	0.0235, 0.0941, 0.1765
CMYK	0.00, 0.07, 0.16, 0.02
HSL	32°, 76%, 90%
HSV	32°, 16%, 98%
XYZ	79.2757, 81.9447, 72.6114
YIQ	233.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

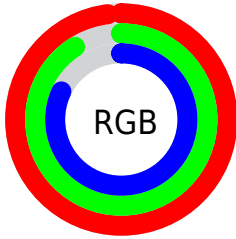
Format	Color
R _Y B	243, 249, 210
Decimal	16377810
CIE Lab	92.55, 2.77, 12.42
CIE LCh	93, 12.726, 77.444
Yxy	81.9447, 0.3390, 0.3504
Android (android.graphics.Color)	4294567890 (0xFFF9E7D2)
YUV	233.9880, -11.8261, 13.1655
Hunter-Lab	90.5233, -2.0946, 15.8081

Details

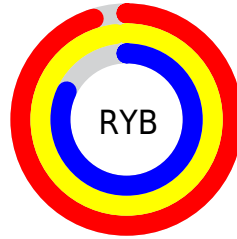
The XYZ color **79.2757, 81.9447, 72.6114** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4203, 76.0264, 100.5335**, and the grayscale version is **78.2770, 82.3535, 89.6829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0690, 44.2667, 37.7268** is the 20% darker color. If you saturate the color by 10%, you get **73.3015, 74.5801, 56.4872**, and if you desaturate by 10%, it is **85.9482, 89.9319, 91.3516**.

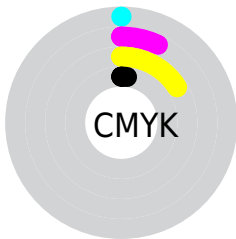
Distribution



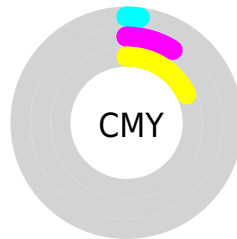
- Red (98%)
- Green (91%)
- Blue (82%)



- Red (95%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2757, 81.9447, 72.6114 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 79.2757, 81.9447, 72.6114 by changing the saturation by 10% instead.


 79.2757, 81.9447,
72.6114

 79.2757, 81.9447,
72.6114

481.2623,
501.4627, 488.7015

 59.4289, 61.3200,
53.1684


131.3028,
136.0964, 124.6412

 43.2062, 44.4834,
37.5486


164.2138,
170.3922, 158.0650

 30.2422, 31.0507,
25.3334


202.2103,
210.0138, 196.9862

 20.1714, 20.6375,
16.1043

245.6577,
255.3456, 241.8233

 12.6287, 12.8593,
9.4429

294.9212,
306.7720, 292.9949

 7.2486, 7.3317,
4.9304

350.3662,

 3.6658, 3.6704,

364.6774, 350.9194

2.1485

412.3582,
429.4462, 416.0154

■ 1.5148, 1.4910,
0.6444

■ 0.3359, 0.2824,
0.0000

■ 79.2757, 81.9447,
72.6114

■ 79.2757, 81.9447,
72.6114

■ 73.3015, 74.5801,
56.4872

■ 85.9482, 89.9319,
91.3516

■ 67.9926, 67.8102,
42.8553

■ 92.5542, 98.2338,
108.6906

■ 63.3232, 61.6208,
31.5896

■ 92.8772, 98.8799,
108.7983

■ 59.2628, 55.9928,
22.5509

■ 55.7780, 50.9060,
15.5851

■ 52.8315, 46.3380,
10.5184

■ 50.3804, 42.2640,
7.1477

■ 48.3724, 38.6554,
5.2223

■ 47.6072, 37.2199,
4.6750

Harmonies

Analogous

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



82.2636, 81.9447, 76.4771



79.2757, 81.9447, 72.6114



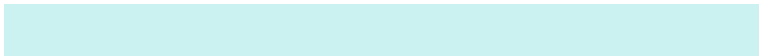
75.9963, 81.9447, 72.9622

Triad

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



79.2757, 81.9447, 72.6114



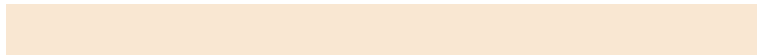
71.9791, 81.9447, 94.7920



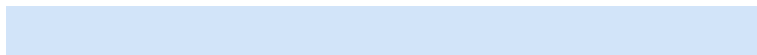
82.6617, 81.9447, 102.1078

Complementary

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



79.2757, 81.9447, 72.6114



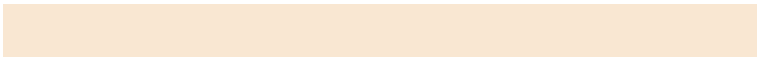
71.4203, 76.0264, 100.5335

Split Complementary

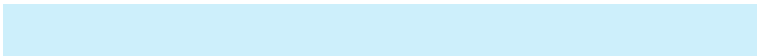
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8067, 81.9447, 107.7382



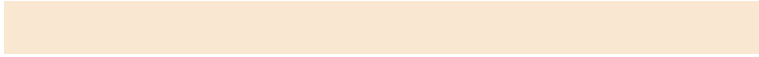
79.2757, 81.9447, 72.6114



73.6665, 81.9447, 103.3136

Square

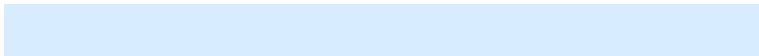
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2757, 81.9447, 72.6114



71.8460, 81.9447, 85.3254



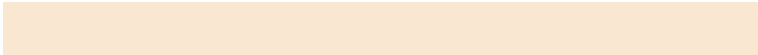
76.5126, 81.9447, 108.1945



84.2553, 81.9447, 93.2392

Rectangle

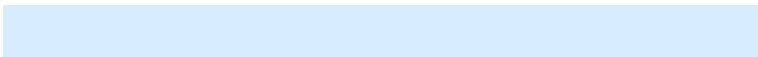
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2757, 81.9447, 72.6114



74.0856, 81.9447, 75.5396



76.5126, 81.9447, 108.1945



81.8141, 81.9447, 104.4684

Sweetspot

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



79.2779, 81.9483, 72.6131



91.2164, 95.5095, 97.8290



76.1458, 71.8466, 83.3999



19.4120, 20.3108, 20.6189



0.0000, 0.0000, 0.0000



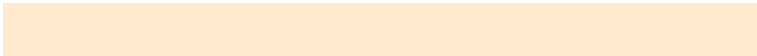
20.3446, 21.4041, 23.3091

Same Dimension

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



79.2779, 81.9483, 72.6131



81.4859, 83.8197, 70.6275



84.1145, 92.3070, 74.3576



18.0190, 18.7739, 18.1364



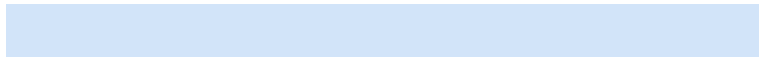
25.6271, 20.2108, 2.5504



2.4796, 2.0840, 0.2716

Inverse Universe

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



71.4203, 76.0264, 100.5335



71.6498, 76.4071, 105.5794



67.0965, 66.8272, 98.9858



16.9430, 17.9629, 21.9595



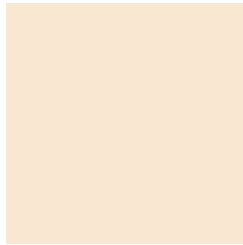
12.5666, 10.4887, 49.3357



1.2686, 1.1810, 4.6043

Previews

White Background



This preview shows how the XYZ color 79.2757, 81.9447, 72.6114 looks on a white background.

Color Contrast Check

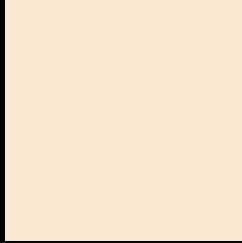
Large Text (above 18pt) WCAG AA × Fail

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 79.2757, 81.9447, 72.6114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

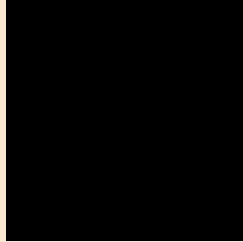
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2757, 81.9447, 72.6114

Background



This preview shows how black text looks on a background with the XYZ color 79.2757, 81.9447, 72.6114.



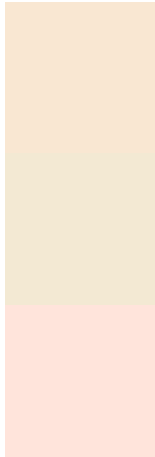
This preview shows how white text looks on a background with the XYZ color 79.2757, 81.9447,

72.6114.

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

79.2757, 81.9447, 72.6114

Protanopia

77.8589, 82.0357, 73.3589

Deuteranopia

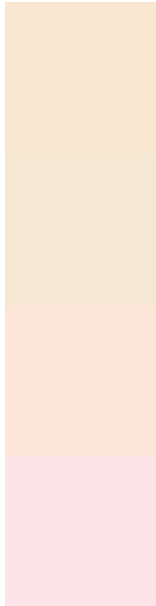
81.7696, 81.8613, 78.5089



Tritanopia

84.0335, 81.8070, 96.9492

Trichromacy



Original Color

79.2757, 81.9447, 72.6114

Protanomaly

78.2707, 81.8289, 73.2973

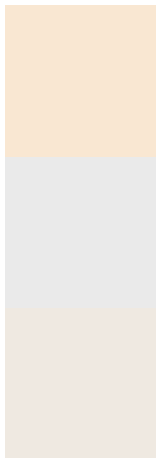
Deuteranomaly

80.9220, 81.8791, 76.5050

Tritanomaly

82.4538, 82.0084, 87.8274

Monochromacy



Original Color

79.2757, 81.9447, 72.6114

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.3261, 82.0648, 82.9460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2757, 81.9447, 72.6114 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(249, 231, 210) looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 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(249, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.2757, 81.9447, 72.6114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

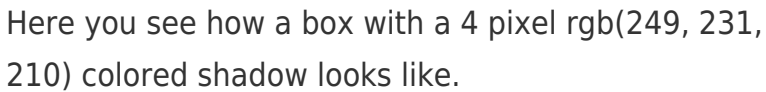
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 231, 210) }
```


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

```
.border{ border-color:rgb(249, 231, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2757, 81.9447, 72.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 210) }
```

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

```
.background{ background-color: rgb(249,  
231, 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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