

Converting Colors

XYZ(79.1256, 81.9666, 74.4160)

Have a look what the booklet for
XYZ(79.1256, 81.9666, 74.4160)
contains.

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Color

**XYZ(78.9439, 81.7301,
74.5655)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E7D5
RGB	247, 231, 213
RGB Percent	97%, 91%, 84%
CMY	0.0314, 0.0941, 0.1647
CMYK	0.00, 0.06, 0.14, 0.03
HSL	32°, 68%, 90%
HSV	32°, 14%, 97%
XYZ	78.9439, 81.7301, 74.5655
YIQ	233.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

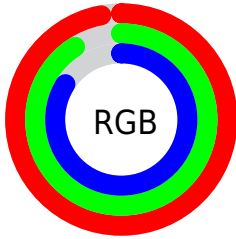
Format	Color
R _Y B	243, 247, 213
Decimal	16246741
CIE Lab	92.46, 2.52, 10.70
CIE LCh	92, 10.997, 76.764
Yxy	81.7301, 0.3356, 0.3474
Android (android.graphics.Color)	4294436821 (0xFFF7E7D5)
YUV	233.7320, -10.2209, 11.6360
Hunter-Lab	90.4047, -2.3371, 14.3811

Details

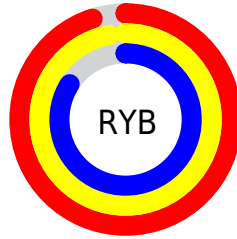
The XYZ color **78.9439, 81.7301, 74.5655** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2480, 76.8985, 99.0313**, and the grayscale version is **78.0727, 82.1385, 89.4489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7367, 44.0757, 38.6027** is the 20% darker color. If you saturate the color by 10%, you get **72.9001, 74.2829, 58.2434**, and if you desaturate by 10%, it is **85.6857, 89.8075, 93.4779**.

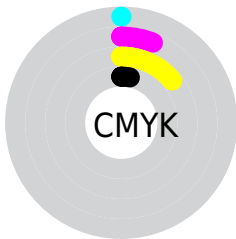
Distribution



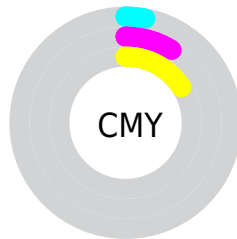
- Red (97%)
- Green (91%)
- Blue (84%)



- Red (95%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9439, 81.7301, 74.5655 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 78.9439, 81.7301, 74.5655 by changing the saturation by 10% instead.

78.9439, 81.7301,
74.5655

78.9439, 81.7301,
74.5655

480.1575,
500.7444, 495.6383

59.1552, 61.1431,
54.7574

130.8382,
135.7954, 127.4386

42.9849, 44.3407,
38.8102

163.6745,
170.0426, 161.3406

30.0677, 30.9384,
26.3054

201.5907,
209.6118, 200.7777

20.0383, 20.5520,
16.8245

244.9521,
254.8877, 246.1685

12.5313, 12.7969,
9.9488

294.1242,
306.2545, 297.9313

7.1814, 7.2888,
5.2599

349.4722,

3.6231, 3.6434,

364.0966, 356.4849

2.3391

411.3615,
428.7984, 422.2477

■ 1.4912, 1.4761,
0.7530

■ 0.3198, 0.2719,
0.0000

■ 78.9439, 81.7301,
74.5655

■ 78.9439, 81.7301,
74.5655

■ 72.9001, 74.2829,
58.2434

■ 85.6857, 89.8075,
93.4779

■ 67.5218, 67.4380,
44.3917

■ 91.9280, 98.0343,
108.6851

■ 62.7839, 61.1813,
32.8885

■ 92.1680, 98.5143,
108.7651

■ 58.6567, 55.4937,
23.5996

■ 55.1079, 50.3551,
16.3770

■ 52.1013, 45.7434,
11.0542

■ 49.5959, 41.6344,
7.4388

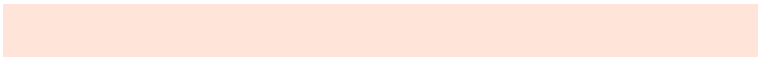
■ 47.5422, 38.0001,
5.2961

■ 46.4476, 35.9533,
4.4916

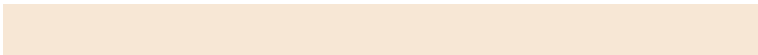
Harmonies

Analogous

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



81.4980, 81.7301, 78.0352



78.9439, 81.7301, 74.5655



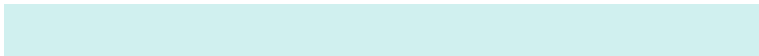
76.1115, 81.7301, 74.7881

Triad

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



78.9439, 81.7301, 74.5655



72.5504, 81.7301, 93.5959



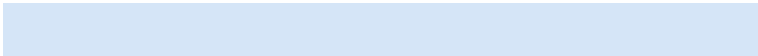
81.7447, 81.7301, 100.1836

Complementary

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



78.9439, 81.7301, 74.5655



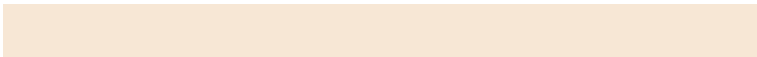
72.2480, 76.8985, 99.0313

Split Complementary

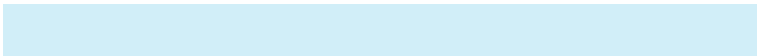
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2740, 81.7301, 104.8852



78.9439, 81.7301, 74.5655



73.9871, 81.7301, 100.9253

Square

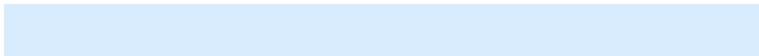
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9439, 81.7301, 74.5655



72.4669, 81.7301, 85.4438



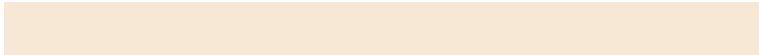
76.4336, 81.7301, 105.1646



83.1415, 81.7301, 92.6334

Rectangle

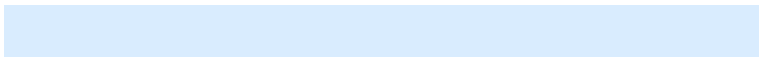
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9439, 81.7301, 74.5655



74.4469, 81.7301, 76.9962



76.4336, 81.7301, 105.1646



81.0095, 81.7301, 102.1693

Sweetspot

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



78.9461, 81.7337, 74.5672



91.9391, 96.3369, 99.9754



76.3564, 73.0451, 84.5220



19.5565, 20.4752, 21.0508



0.0000, 0.0000, 0.0000



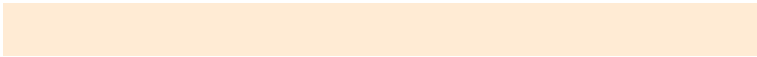
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9461, 81.7337, 74.5672



82.6753, 85.1872, 74.1414



83.4300, 90.9976, 76.1190



17.2256, 17.9354, 17.3516



24.7080, 19.3016, 2.4233



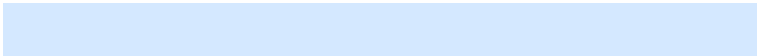
2.2745, 1.9022, 0.2473

Inverse Universe

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



72.2480, 76.8985, 99.0313



73.9695, 78.9030, 105.9389



68.1891, 68.5361, 97.6311



16.2240, 17.2123, 21.0098



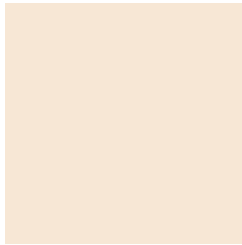
12.3337, 10.4612, 47.9072



1.1860, 1.1234, 4.2446

Previews

White Background



This preview shows how the XYZ color 78.9439, 81.7301, 74.5655 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 78.9439, 81.7301, 74.5655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

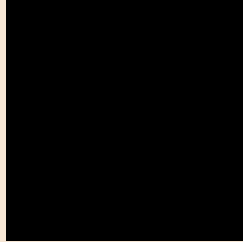
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9439, 81.7301, 74.5655

Background



This preview shows how black text looks on a background with the XYZ color 78.9439, 81.7301, 74.5655.



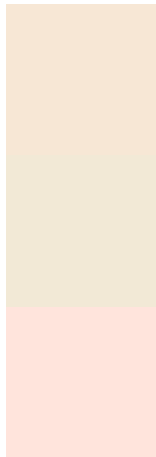
This preview shows how white text looks on a background with the XYZ color 78.9439, 81.7301,

74.5655.

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

78.9439, 81.7301, 74.5655

Protanopia

77.8945, 82.0101, 75.3424

Deuteranopia

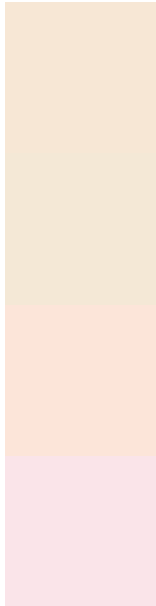
81.9017, 81.9141, 79.2045



Tritanopia

83.3092, 81.4336, 96.9153

Trichromacy



Original Color

78.9439, 81.7301, 74.5655

Protanomaly

78.3024, 81.8014, 75.2806

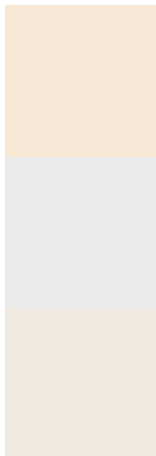
Deuteranomaly

80.6886, 81.7438, 77.1710

Tritanomaly

81.8757, 81.6940, 88.5440

Monochromacy



Original Color

78.9439, 81.7301, 74.5655

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4630, 82.1195, 83.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9439, 81.7301, 74.5655 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, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 78.9439, 81.7301, 74.5655 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, 231, 213) }
```


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

```
.border{ border-color:rgb(247, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9439, 81.7301, 74.5655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 213) }
```

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

```
.background{ background-color: rgb(247,  
231, 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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