

Converting Colors

XYZ(79.8562, 81.5600, 75.8244)

Have a look what the booklet for
XYZ(79.8562, 81.5600, 75.8244)
contains.

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Color

**XYZ(79.9869, 81.8239,
75.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6D7
RGB	250, 230, 215
RGB Percent	98%, 90%, 84%
CMY	0.0196, 0.0980, 0.1569
CMYK	0.00, 0.08, 0.14, 0.02
HSL	26°, 78%, 91%
HSV	26°, 14%, 98%
XYZ	79.9869, 81.8239, 75.8678
YIQ	234.2700, 16.7350, -0.4250

Conversions

Conversions Part 2

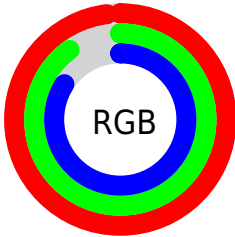
Format	Color
R _Y B	250, 241, 215
Decimal	16443095
CIE Lab	92.50, 4.40, 9.76
CIE LCh	92, 10.702, 65.725
Yxy	81.8239, 0.3365, 0.3443
Android (android.graphics.Color)	4294633175 (0xFFFAE6D7)
YUV	234.2700, -9.5001, 13.7952
Hunter-Lab	90.4566, -0.4590, 13.5918

Details

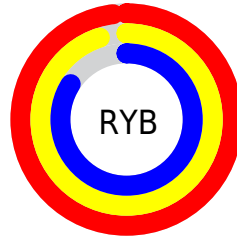
The XYZ color **79.9869, 81.8239, 75.8678** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9877, 80.7643, 102.0801**, and the grayscale version is **78.4740, 82.5607, 89.9086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6675, 44.5355, 39.5524** is the 20% darker color. If you saturate the color by 10%, you get **73.2042, 73.0121, 58.9506**, and if you desaturate by 10%, it is **87.5907, 91.4907, 95.4824**.

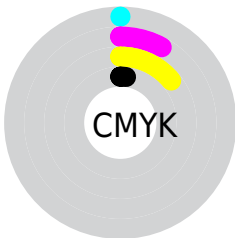
Distribution



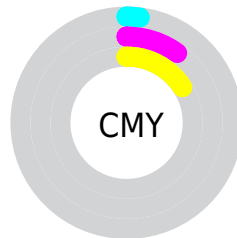
- Red (98%)
- Green (90%)
- Blue (84%)



- Red (98%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9869, 81.8239, 75.8678 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 79.9869, 81.8239, 75.8678 by changing the saturation by 10% instead.


 79.9869, 81.8239,
75.8678

 79.9869, 81.8239,
75.8678


483.6259,
501.0585, 500.2298

 60.0160, 61.2204,
55.8181

132.2979,
135.9270, 129.2984

 43.6810, 44.4031,
39.6541


165.3688,
170.1954, 163.5164

 30.6167, 30.9875,
26.9572


203.5370,
209.7876, 203.2942

 20.4575, 20.5893,
17.3089

247.1679,
255.0879, 249.0504

 12.8382, 12.8241,
10.2907

296.6269,
306.4807, 301.2035

 7.3935, 7.3076,
5.4840

352.2793,

 3.7579, 3.6552,

364.3505, 360.1721

2.4703

414.4905,
429.0816, 426.3747

■ 1.5661, 1.4826,
0.8244

■ 0.3702, 0.2764,
0.0000

■ 79.9869, 81.8239,
75.8678

■ 79.9869, 81.8239,
75.8678

■ 73.2042, 73.0121,
58.9506

■ 87.5907, 91.4907,
95.4824

■ 67.2060, 65.0201,
44.6060

■ 93.2347, 99.0642,
108.8150

■ 61.9624, 57.8257,
32.7072

■ 57.4391, 51.4017,
23.1142

■ 53.5986, 45.7191,
15.6729

■ 50.3993, 40.7468,
10.2098

■ 47.7942, 36.4503,
6.5242

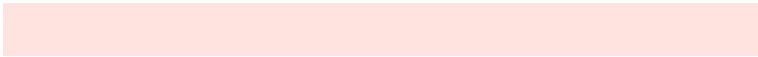
■ 45.7271, 32.7910,
4.3712

■ 44.7008, 30.8764,
3.6037

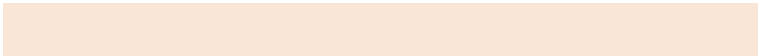
Harmonies

Analogous

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



82.1866, 81.8239, 80.4591



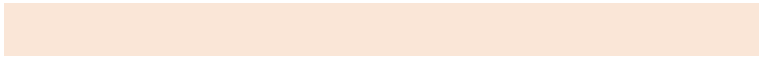
79.9869, 81.8239, 75.8678



77.2398, 81.8239, 74.7274

Triad

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



79.9869, 81.8239, 75.8678



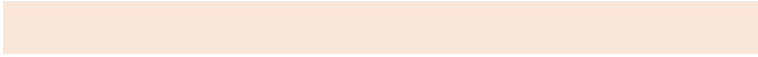
72.5787, 81.8239, 90.6263



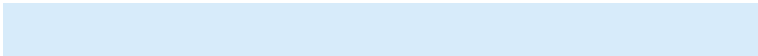
80.9305, 81.8239, 102.0914

Complementary

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



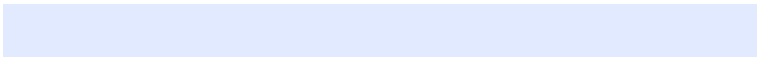
79.9869, 81.8239, 75.8678



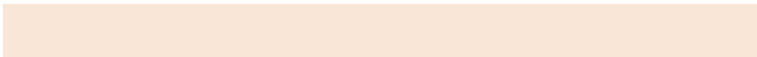
74.9877, 80.7643, 102.0801

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.



78.3049, 81.8239, 105.1894



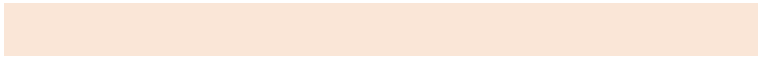
79.9869, 81.8239, 75.8678



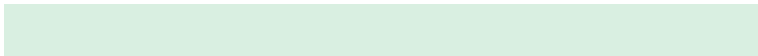
73.5167, 81.8239, 98.3220

Square

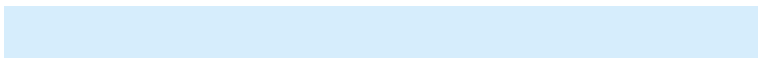
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9869, 81.8239, 75.8678



73.0050, 81.8239, 82.9526



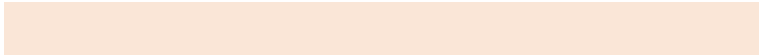
75.5967, 81.8239, 103.7707



82.7404, 81.8239, 95.5277

Rectangle

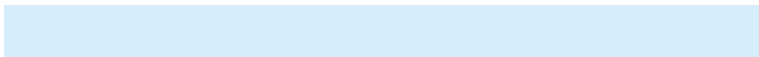
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9869, 81.8239, 75.8678



75.4767, 81.8239, 76.0148



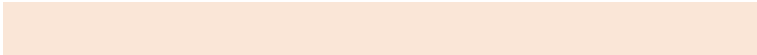
75.5967, 81.8239, 103.7707



80.1117, 81.8239, 103.5898

Sweetspot

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



79.9891, 81.8275, 75.8695



91.6200, 95.6986, 99.8690



78.7814, 74.9483, 89.2284



19.4758, 20.3138, 21.0238



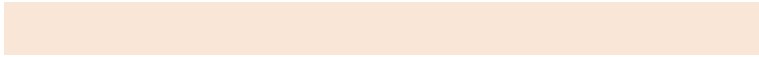
0.0000, 0.0000, 0.0000



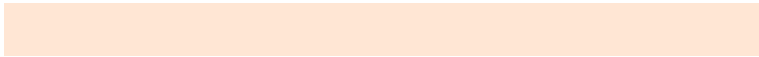
20.3446, 21.4041, 23.3091

Same Dimension

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



79.9891, 81.8275, 75.8695



81.4416, 82.7200, 73.7302



84.9772, 91.8037, 77.5322



17.8565, 18.4488, 18.0822



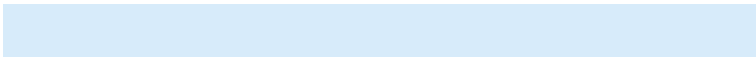
23.8467, 16.6500, 1.9569



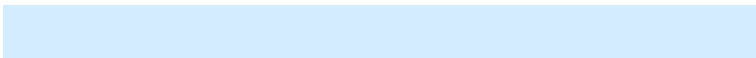
2.3115, 1.7478, 0.2155

Inverse Universe

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



74.9877, 80.7643, 102.0801



75.2159, 81.3956, 106.3544



70.3305, 71.4500, 100.5277



17.1063, 18.2894, 22.0139



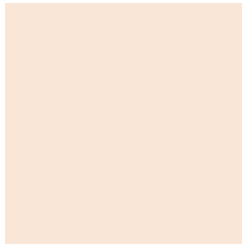
14.4946, 14.3448, 49.9784



1.4477, 1.5390, 4.6639

Previews

White Background



This preview shows how the XYZ color 79.9869, 81.8239, 75.8678 looks on a white background.

Color Contrast Check

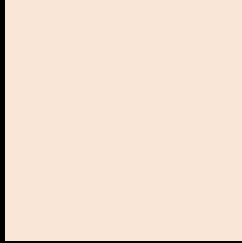
Large Text (above 18pt) WCAG AA × Fail

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 79.9869, 81.8239, 75.8678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

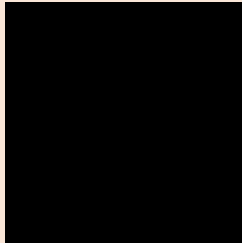
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9869, 81.8239, 75.8678

Background



This preview shows how black text looks on a background with the XYZ color 79.9869, 81.8239, 75.8678.



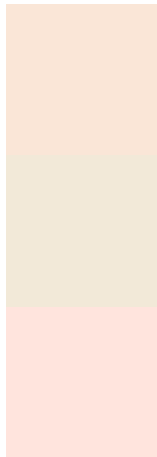
This preview shows how white text looks on a background with the XYZ color 79.9869, 81.8239,

75.8678.

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

79.9869, 81.8239, 75.8678

Protanopia

78.1515, 82.1129, 76.6961

Deuteranopia

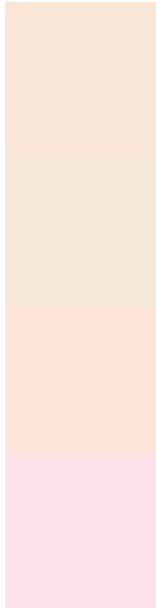
82.0345, 81.9673, 79.9042



Tritanopia

84.2471, 81.9346, 96.1687

Trichromacy



Original Color

79.9869, 81.8239, 75.8678

Protanomaly

78.9075, 82.0836, 76.6506

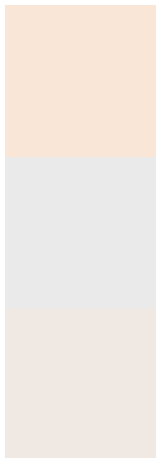
Deuteranomaly

81.3135, 82.0357, 78.5666

Tritanomaly

82.6851, 81.7040, 88.5033

Monochromacy



Original Color

79.9869, 81.8239, 75.8678

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9392, 82.3491, 84.4075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9869, 81.8239, 75.8678 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(250, 230, 215) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 215)  
}
```

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(250, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 215) }
```

Border

The CSS property to change the border of an element to XYZ 79.9869, 81.8239, 75.8678 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(250, 230, 215) }
```


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

```
.border{ border-color:rgb(250, 230, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9869, 81.8239, 75.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 215) }
```

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

```
.background{ background-color: rgb(250,  
230, 215) }
```

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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