

# Converting Colors

XYZ(79.4505, 78.1283, 74.8017)

Have a look what the booklet for  
XYZ(79.4505, 78.1283, 74.8017)  
contains.

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# Color

**XYZ(79.4989, 78.3576,  
74.5528)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDED6
RGB	255, 222, 214
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1294, 0.1608
CMYK	0.00, 0.13, 0.16, 0.00
HSL	12°, 100%, 92%
HSV	12°, 16%, 100%
XYZ	79.4989, 78.3576, 74.5528
YIQ	230.9550, 22.2360, 4.5080

# Conversions

## Conversions Part 2

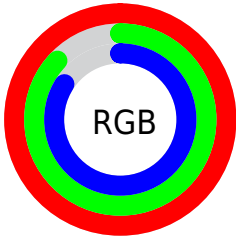
Format	Color
R <sub>Y</sub> B	255, 224, 214
Decimal	16768726
CIE Lab	90.94, 10.14, 8.11
CIE LCh	91, 12.980, 38.648
Yxy	78.3576, 0.3421, 0.3372
Android (android.graphics.Color)	4294958806 (0xFFFFDED6)
YUV	230.9550, -8.3588, 21.0875
Hunter-Lab	88.5198, 5.3996, 12.0289

# Details

The XYZ color **79.4989, 78.3576, 74.5528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0414, 88.0351, 107.4343**, and the grayscale version is **75.9724, 79.9289, 87.0426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3654, 42.1464, 38.6504** is the 20% darker color. If you saturate the color by 10%, you get **71.3711, 66.9122, 57.0146**, and if you desaturate by 10%, it is **88.8036, 91.3404, 95.0004**.

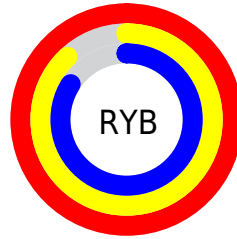
# Distribution



Red (100%)

Green (87%)

Blue (84%)



Red (100%)

Yellow (88%)

Blue (84%)

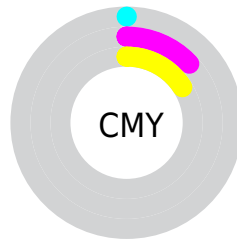


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4989, 78.3576, 74.5528 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 79.4989, 78.3576, 74.5528 by changing the saturation by 10% instead.




 79.4989, 78.3576,  
74.5528

 79.4989, 78.3576,  
74.5528


482.0048,  
489.3804, 495.5934

 59.6131, 58.3678,  
54.7471


131.6152,  
131.0541, 127.4204

 43.3552, 42.1044,  
38.8020


164.5765,  
164.5296, 161.3194

 30.3596, 29.1830,  
26.2991


202.6269,  
203.2691, 200.7531

 20.2611, 19.2193,  
16.8198

246.1319,  
247.6570, 246.1403

 12.6944, 11.8289,  
9.9455

295.4569,  
298.0776, 297.8994

 7.2940, 6.6273,  
5.2577

350.9671,

 3.6946, 3.2301,

354.9155, 356.4489

2.3379

413.0280,  
418.5550, 422.2074

■ 1.5308, 1.2530,  
0.7523

■ 0.3467, 0.1044,  
0.0000

■ 79.4989, 78.3576,  
74.5528

■ 79.4989, 78.3576,  
74.5528

■ 71.3711, 66.9122,  
57.0146

■ 88.8036, 91.3404,  
95.0004

■ 64.3674, 56.9373,  
42.2485

95.0500, 100.0000,  
108.9000

■ 58.4390, 48.3757,  
30.1134

■ 53.5312, 41.1629,  
20.4535

■ 49.5845, 35.2289,  
13.0969

■ 46.5326, 30.4975,  
7.8492

■ 44.3007, 26.8839,  
4.4836

■ 42.7996, 24.2914,  
2.7201

■ 42.3715, 23.5230,  
2.3072

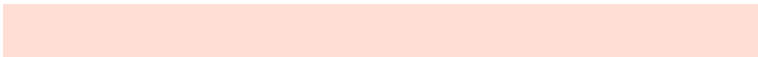
# Harmonies

## Analogous

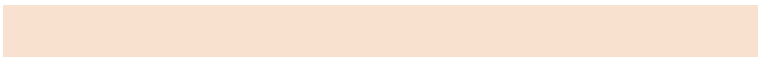
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8711, 78.3576, 82.6375



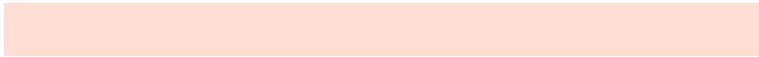
79.4989, 78.3576, 74.5528



76.7908, 78.3576, 69.6131

# Triad

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



79.4989, 78.3576, 74.5528



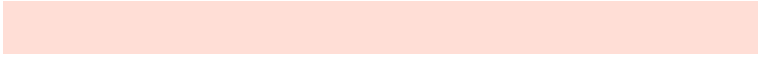
68.7694, 78.3576, 78.9246



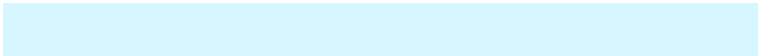
75.4265, 78.3576, 104.3996

# Complementary

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



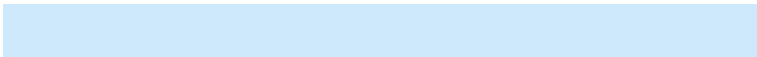
79.4989, 78.3576, 74.5528



79.0414, 88.0351, 107.4343

# 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.



72.2093, 78.3576, 103.2235



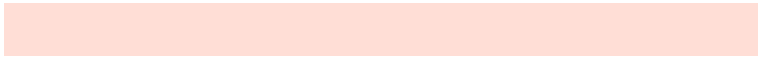
79.4989, 78.3576, 74.5528



68.4283, 78.3576, 88.0561

# Square

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



79.4989, 78.3576, 74.5528



70.6161, 78.3576, 72.0057



69.6703, 78.3576, 97.0728



78.4752, 78.3576, 100.1778

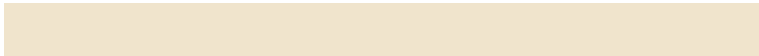


# Rectangle

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



79.4989, 78.3576, 74.5528



74.6251, 78.3576, 68.5432



69.6703, 78.3576, 97.0728



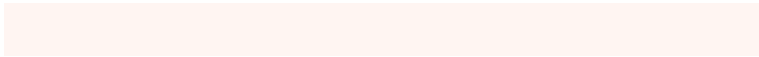
74.3282, 78.3576, 104.6284

# Sweetspot

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



79.5007, 78.3609, 74.5544



89.8782, 92.8330, 97.3829



82.1502, 76.0992, 98.7463



19.0873, 19.6613, 20.5106



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

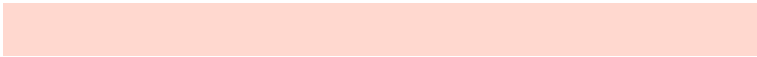


# Same Dimension

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



79.5007, 78.3609, 74.5544



77.0058, 74.8596, 69.1341



85.1350, 89.6296, 76.4325



18.2964, 18.5610, 18.7626



22.2210, 12.4532, 1.2325

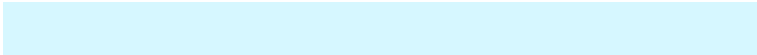


2.2351, 1.3555, 0.1438

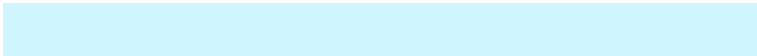


# Inverse Universe

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



79.0414, 88.0351, 107.4343



76.4728, 86.0531, 107.1871



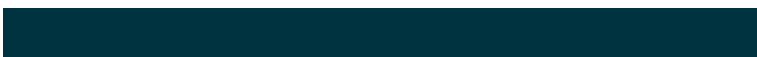
73.2468, 76.4460, 105.5028



18.2358, 19.8432, 23.1189



20.9723, 26.8542, 53.5126

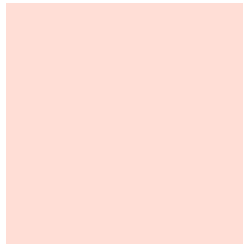


2.1154, 2.7616, 5.2348



# Previews

## White Background



This preview shows how the XYZ color 79.4989, 78.3576, 74.5528 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

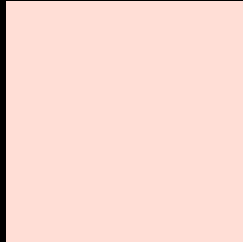
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.4989, 78.3576, 74.5528 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

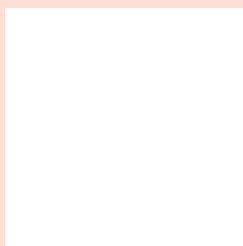
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.4989, 78.3576, 74.5528**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.4989, 78.3576, 74.5528.



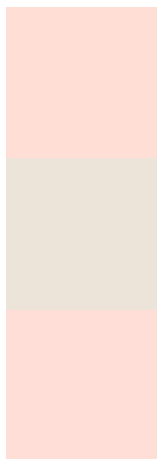
This preview shows how white text looks on a background with the XYZ color 79.4989, 78.3576,

74.5528.

# 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

79.4989, 78.3576, 74.5528

### Protanopia

74.8599, 78.3294, 76.8192

### Deuteranopia

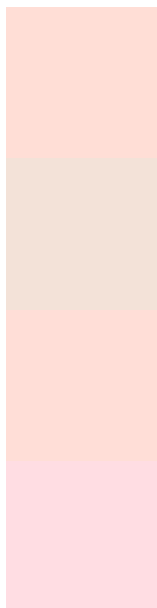
79.6270, 78.4088, 75.2276



## Tritanopia

81.8286, 78.4446, 89.4257

# Trichromacy



## Original Color

79.4989, 78.3576, 74.5528

## Protanomaly

76.5532, 78.4053, 76.0647

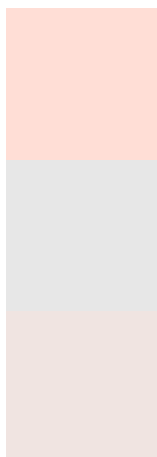
## Deuteranomaly

79.6270, 78.4088, 75.2276

## Tritanomaly

80.9616, 78.5190, 83.5616

# Monochromacy



## Original Color

79.4989, 78.3576, 74.5528

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

77.2692, 79.4483, 82.4967

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.4989, 78.3576, 74.5528 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(255, 222, 214) looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 214)  
}
```

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(255, 222, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 79.4989, 78.3576, 74.5528 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(255, 222, 214) }
```



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

```
.border{ border-color:rgb(255, 222, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.4989, 78.3576, 74.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 214) }
```

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

```
.background{ background-color: rgb(255,  
222, 214) }
```

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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