

# Converting Colors

XYZ(81.6016, 79.4281, 75.1898)

Have a look what the booklet for  
XYZ(81.6016, 79.4281, 75.1898)  
contains.

**XYZ(79.6270, 78.4088, 75.2276) ..... 3**  
***Conversions* ..... 4**  
***Details* ..... 6**  
***Harmonies* ..... 12**  
***Previews* ..... 24**  
***Color Blindness Simulation* ..... 28**  
***CSS Examples* ..... 31**

# **Color**

**XYZ(79.6270, 78.4088,  
75.2276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDED7
RGB	255, 222, 215
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1294, 0.1569
CMYK	0.00, 0.13, 0.16, 0.00
HSL	11°, 100%, 92%
HSV	11°, 16%, 100%
XYZ	79.6270, 78.4088, 75.2276
YIQ	231.0690, 21.9150, 4.8190

# Conversions

## Conversions Part 2

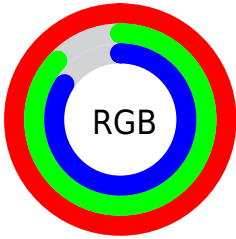
Format	Color
R <sub>Y</sub> B	255, 223, 215
Decimal	16768727
CIE Lab	90.97, 10.29, 7.62
CIE LCh	91, 12.802, 36.508
Yxy	78.4088, 0.3414, 0.3361
Android (android.graphics.Color)	4294958807 (0xFFFFDED7)
YUV	231.0690, -7.9220, 20.9875
Hunter-Lab	88.5487, 5.5549, 11.6136

# Details

The XYZ color **79.6270, 78.4088, 75.2276** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6408, 88.7994, 107.5502**, and the grayscale version is **76.0543, 80.0150, 87.1363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4526, 42.1813, 39.1093** is the 20% darker color. If you saturate the color by 10%, you get **71.3599, 66.7160, 57.5465**, and if you desaturate by 10%, it is **89.1055, 91.7066, 95.8341**.

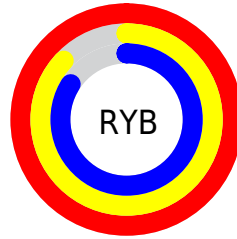
# Distribution



Red (100%)

Green (87%)

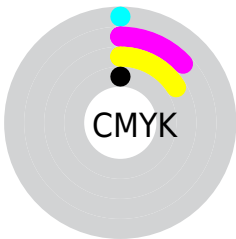
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

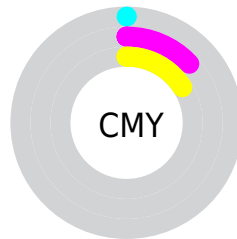


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6270, 78.4088, 75.2276 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 79.6270, 78.4088, 75.2276 by changing the saturation by 10% instead.




 79.6270, 78.4088,  
75.2276

 79.6270, 78.4088,  
75.2276


482.4306,  
489.5540, 497.9758

 59.7189, 58.4099,  
55.2965


131.7945,  
131.1262, 128.3845

 43.4407, 42.1382,  
39.2390


164.7845,  
164.6135, 162.4475

 30.4270, 29.2096,  
26.6364


202.8659,  
203.3657, 202.0581

 20.3126, 19.2394,  
17.0703

246.4040,  
247.7672, 247.6350

 12.7321, 11.8434,  
10.1222

295.7642,  
298.2024, 299.5967

 7.3200, 6.6371,  
5.3734

351.3118,

 3.7112, 3.2362,

355.0557, 358.3617

2.4054

413.4121,  
418.7114, 424.3485

■ 1.5401, 1.2563,  
0.7894

■ 0.3528, 0.1070,  
0.0000

■ 79.6270, 78.4088,  
75.2276

■ 79.6270, 78.4088,  
75.2276

■ 71.3599, 66.7160,  
57.5465

■ 89.1055, 91.7066,  
95.8341

■ 64.2495, 56.5575,  
42.6531

95.0500, 100.0000,  
108.9000

■ 58.2452, 47.8723,  
30.4060

■ 53.2903, 40.5914,  
20.6495

■ 49.3228, 34.6402,  
13.2113

■ 46.2741, 29.9369,  
7.8972

■ 44.0663, 26.3907,  
4.4809

■ 42.6071, 23.8974,  
2.6837

■ 42.1653, 23.1106,  
2.2384

# Harmonies

## Analogous

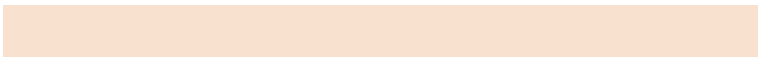
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8646, 78.4088, 83.3746



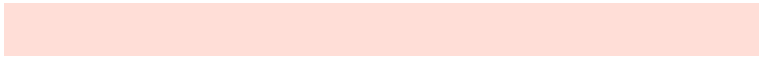
79.6270, 78.4088, 75.2276



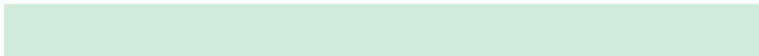
77.0272, 78.4088, 70.0849

# Triad

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



79.6270, 78.4088, 75.2276



68.9758, 78.4088, 78.4813



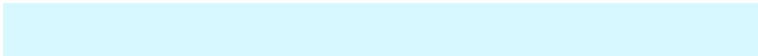
75.2310, 78.4088, 104.2840

# Complementary

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



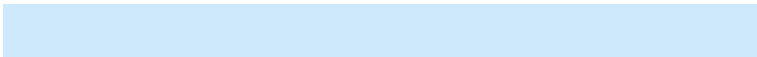
79.6270, 78.4088, 75.2276



79.6408, 88.7994, 107.5502

# 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.



72.0780, 78.4088, 102.7388



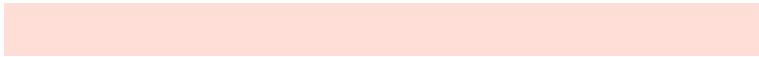
79.6270, 78.4088, 75.2276



68.5261, 78.4088, 87.4048

# Square

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



79.6270, 78.4088, 75.2276



70.8927, 78.4088, 71.8664



69.6461, 78.4088, 96.3937



78.2798, 78.4088, 100.4758



# Rectangle

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



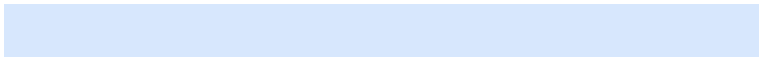
79.6270, 78.4088, 75.2276



74.9040, 78.4088, 68.8295



69.6461, 78.4088, 96.3937



74.1477, 78.4088, 104.3772

# Sweetspot

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



79.6288, 78.4121, 75.2292



89.8007, 92.6781, 97.3571



82.5359, 76.6597, 99.5252



19.0686, 19.6238, 20.5044



0.0000, 0.0000, 0.0000

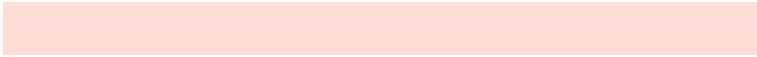


20.3446, 21.4041, 23.3091

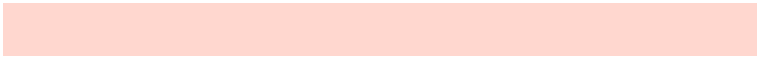


# Same Dimension

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



79.6288, 78.4121, 75.2292



76.7567, 74.3614, 69.0511



85.1591, 89.4727, 77.0727



18.2665, 18.5011, 18.7527



22.1064, 12.2240, 1.1943

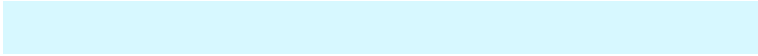


2.2197, 1.3247, 0.1387

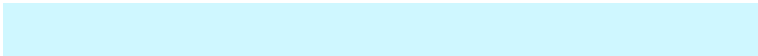


# Inverse Universe

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



79.6408, 88.7994, 107.5502



76.7694, 86.6463, 107.2860



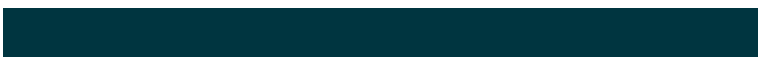
73.9103, 77.3383, 105.6400



18.2683, 19.9083, 23.1298



21.6173, 28.1441, 53.7276

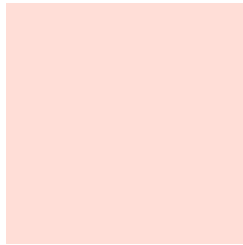


2.1726, 2.8760, 5.2539



# Previews

## White Background



This preview shows how the XYZ color 79.6270, 78.4088, 75.2276 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

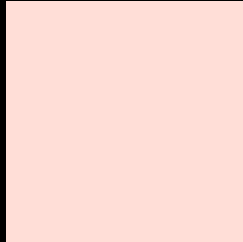
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.6270, 78.4088, 75.2276 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

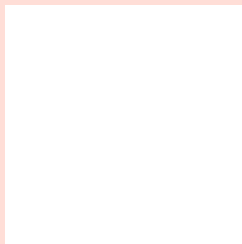
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.6270, 78.4088, 75.2276**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.6270, 78.4088, 75.2276.



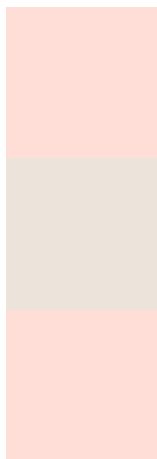
This preview shows how white text looks on a background with the XYZ color 79.6270, 78.4088,

75.2276.

# 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

79.6270, 78.4088, 75.2276

### Protanopia

74.9904, 78.3816, 77.5064

### Deuteranopia

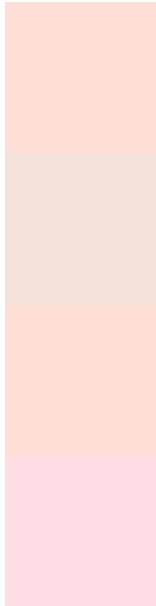
79.7559, 78.4604, 75.9065



## Tritanopia

81.8286, 78.4446, 89.4257

# Trichromacy



## Original Color

79.6270, 78.4088, 75.2276

## Protanomaly

76.6829, 78.4572, 76.7478

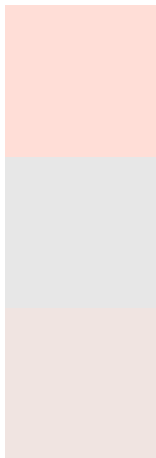
## Deuteranomaly

79.7559, 78.4604, 75.9065

## Tritanomaly

81.1000, 78.5743, 84.2907

# Monochromacy



## Original Color

79.6270, 78.4088, 75.2276

## 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 79.6270, 78.4088, 75.2276 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 79.6270, 78.4088, 75.2276 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, 215) }
```



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

```
.border{ border-color:rgb(255, 222, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 215); box-shadow:4px 4px 4px 4px rgb(255, 222, 215) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.6270, 78.4088, 75.2276 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, 215) }
```

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

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