

# Converting Colors

XYZ(86.4528, 81.0338, 76.1407)

Have a look what the booklet for  
XYZ(86.4528, 81.0338, 76.1407)  
contains.

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# Color

**XYZ(79.2279, 77.4043,  
75.7305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDCD8
RGB	255, 220, 216
RGB Percent	100%, 86%, 85%
CMY	0.0000, 0.1372, 0.1529
CMYK	0.00, 0.14, 0.15, 0.00
HSL	6°, 100%, 92%
HSV	6°, 15%, 100%
XYZ	79.2279, 77.4043, 75.7305
YIQ	230.0090, 22.1440, 6.1760

# Conversions

## Conversions Part 2

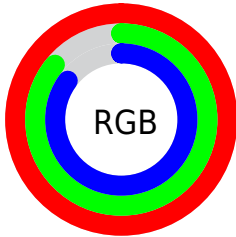
Format	Color
R <sub>Y</sub> B	255, 220, 216
Decimal	16768216
CIE Lab	90.51, 11.48, 6.43
CIE LCh	91, 13.158, 29.265
Yxy	77.4043, 0.3410, 0.3331
Android (android.graphics.Color)	4294958296 (0xFFFFDCD8)
YUV	230.0090, -6.9064, 21.9171
Hunter-Lab	87.9797, 6.7791, 10.5506

# Details

The XYZ color **79.2279, 77.4043, 75.7305** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8651, 90.8106, 107.8739**, and the grayscale version is **75.2601, 79.1795, 86.2264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1769, 41.4892, 39.4508** is the 20% darker color. If you saturate the color by 10%, you get **70.5838, 64.9888, 57.8270**, and if you desaturate by 10%, it is **89.2092, 91.6749, 96.6056**.

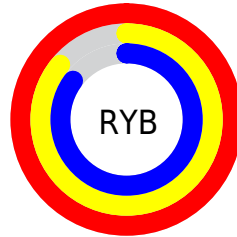
# Distribution



Red (100%)

Green (86%)

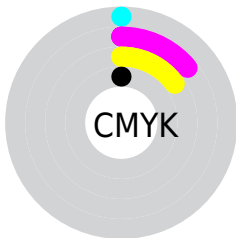
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

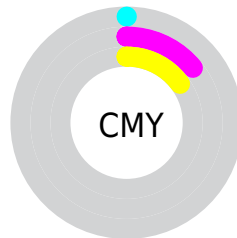


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2279, 77.4043, 75.7305 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 79.2279, 77.4043, 75.7305 by changing the saturation by 10% instead.




 79.2279, 77.4043,  
75.7305

 79.2279, 77.4043,  
75.7305


481.1032,  
486.1414, 499.7469

 59.3895, 57.5848,  
55.7062


131.2359,  
129.7100, 129.1025

 43.1743, 41.4749,  
39.5650


164.1362,  
162.9650, 163.2872

 30.2170, 28.6904,  
26.8884


202.1211,  
201.4673, 203.0293

 20.1523, 18.8467,  
17.2577

245.5561,  
245.6012, 248.7471

 12.6147, 11.5596,  
10.2545

294.8064,  
295.7512, 300.8592

 7.2389, 6.4445,  
5.4602

350.2375,

 3.6596, 3.1172,

352.3016, 359.7842

2.4563

412.2146,  
415.6369, 425.9406

■ 1.5114, 1.1932,  
0.8169

■ 0.3336, 0.0562,  
0.0000

■ 79.2279, 77.4043,  
75.7305

■ 79.2279, 77.4043,  
75.7305

■ 70.5838, 64.9888,  
57.8270

■ 89.2092, 91.6749,  
96.6056

■ 63.2148, 54.3428,  
42.7555

95.0500, 100.0000,  
108.9000

■ 57.0619, 45.3886,  
30.3721

■ 52.0593, 38.0389,  
20.5185

■ 48.1351, 32.1985,  
13.0198

■ 45.2089, 27.7622,  
7.6787

■ 43.1891, 24.6113,  
4.2660

■ 41.9665, 22.6068,  
2.4996

■ 41.6135, 22.0070,  
2.0545

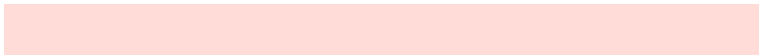
# Harmonies

## Analogous

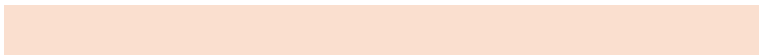
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0786, 77.4043, 84.5127



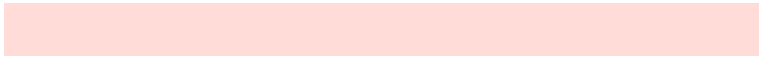
79.2279, 77.4043, 75.7305



76.8509, 77.4043, 69.6477

# Triad

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



79.2279, 77.4043, 75.7305



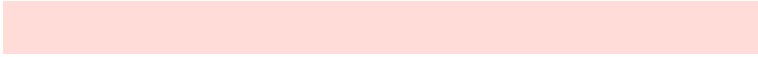
68.2661, 77.4043, 75.3564



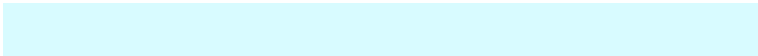
73.4894, 77.4043, 103.7238

# Complementary

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



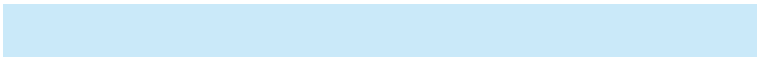
79.2279, 77.4043, 75.7305



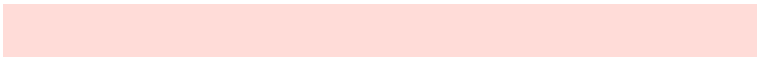
80.8651, 90.8106, 107.8739

# 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.



70.3848, 77.4043, 100.8305



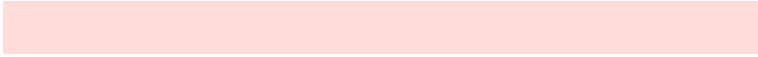
79.2279, 77.4043, 75.7305



67.4248, 77.4043, 84.0480

# Square

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



79.2279, 77.4043, 75.7305



70.5213, 77.4043, 69.4434



68.1890, 77.4043, 93.4502

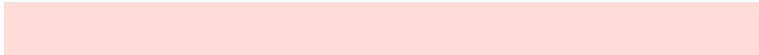


76.7063, 77.4043, 101.0926

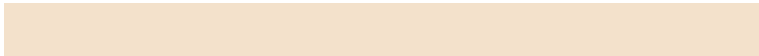


# Rectangle

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



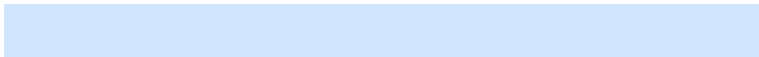
79.2279, 77.4043, 75.7305



74.7550, 77.4043, 67.7045



68.1890, 77.4043, 93.4502



72.3985, 77.4043, 103.3618

# Sweetspot

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



79.2297, 77.4076, 75.7321



89.5228, 92.1223, 97.2644



83.2247, 77.3439, 101.8920



19.0013, 19.4893, 20.4819



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

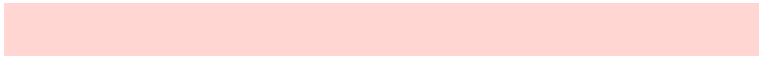


# Same Dimension

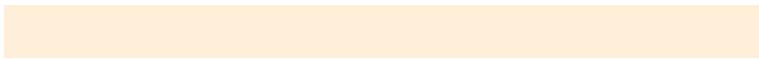
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2297, 77.4076, 75.7321



76.7604, 73.8671, 70.5986



84.6188, 88.1858, 77.5285



18.1594, 18.2870, 18.7170



21.7926, 11.5965, 1.0897

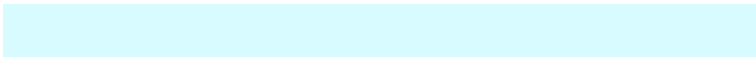


2.1692, 1.2237, 0.1219

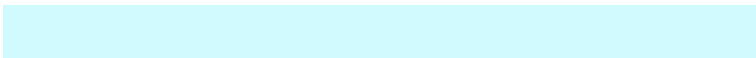


# Inverse Universe

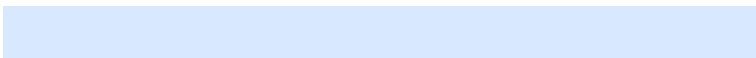
The Inverse Universe completely reimagines the original color for something new.



80.8651, 90.8106, 107.8739



78.6476, 89.3394, 107.7068



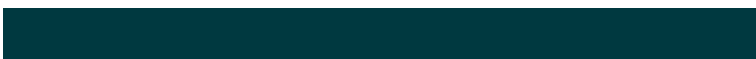
75.1138, 79.3080, 105.9568



18.3861, 20.1438, 23.1690



24.1101, 33.1299, 54.5586

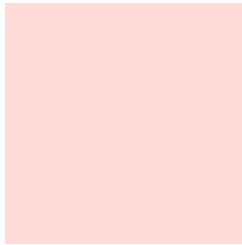


2.3915, 3.3138, 5.3268



# Previews

## White Background



This preview shows how the XYZ color 79.2279, 77.4043, 75.7305 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

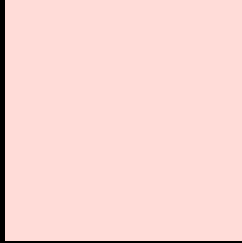
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.2279, 77.4043, 75.7305 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

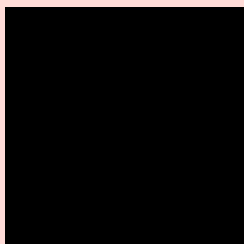
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.2279, 77.4043, 75.7305**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.2279, 77.4043, 75.7305.



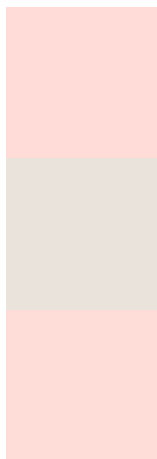
This preview shows how white text looks on a background with the XYZ color 79.2279, 77.4043,

75.7305.

# 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

79.2279, 77.4043, 75.7305

### Protanopia

74.3190, 77.5979, 78.7710

### Deuteranopia

78.8609, 77.2151, 75.7133



## Tritanopia

81.1627, 77.3433, 88.4929

# Trichromacy



## Original Color

79.2279, 77.4043, 75.7305

## Protanomaly

76.0598, 77.3030, 77.9300

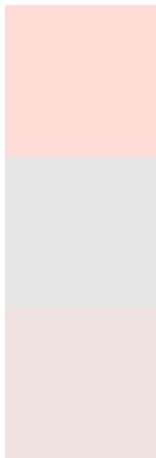
## Deuteranomaly

78.8609, 77.2151, 75.7133

## Tritanomaly

80.4366, 77.4691, 83.3866

# Monochromacy



## Original Color

79.2279, 77.4043, 75.7305

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

76.3836, 78.1797, 82.2985

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.2279, 77.4043, 75.7305 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, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 216)  
}
```

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, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 79.2279, 77.4043, 75.7305 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, 220, 216) }
```



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

```
.border{ border-color:rgb(255, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.2279, 77.4043, 75.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 216) }
```

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

```
.background{ background-color: rgb(255,  
220, 216) }
```

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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