

# Converting Colors

XYZ(80.6605, 80.4159, 81.0826)

Have a look what the booklet for  
XYZ(80.6605, 80.4159, 81.0826)  
contains.

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# Color

**XYZ(80.6605, 80.4159,  
81.0826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCE2DF
RGB	252, 226, 223
RGB Percent	99%, 89%, 87%
CMY	0.0118, 0.1137, 0.1255
CMYK	0.00, 0.10, 0.12, 0.01
HSL	6°, 83%, 93%
HSV	6°, 12%, 99%
XYZ	80.6605, 80.4159, 81.0826
YIQ	233.4320, 16.4590, 4.5790

# Conversions

## Conversions Part 2

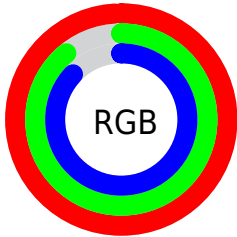
Format	Color
R <sub>Y</sub> B	252, 226, 223
Decimal	16573151
CIE Lab	91.87, 8.42, 4.70
CIE LCh	92, 9.644, 29.191
Yxy	80.4159, 0.3331, 0.3321
Android (android.graphics.Color)	4294763231 (0xFFFC E2DF)
YUV	233.4320, -5.1430, 16.2841
Hunter-Lab	89.6749, 3.6255, 9.1634

# Details

The XYZ color **80.6605, 80.4159, 81.0826** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8773, 90.4657, 105.2424**, and the grayscale version is **77.8084, 81.8605, 89.1460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1365, 43.5551, 43.1265** is the 20% darker color. If you saturate the color by 10%, you get **71.7699, 67.6727, 62.5856**, and if you desaturate by 10%, it is **90.8705, 94.9869, 102.5160**.

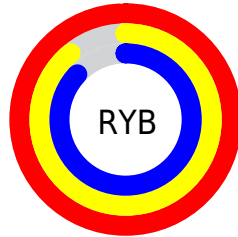
# Distribution



Red (99%)

Green (89%)

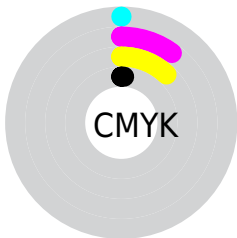
Blue (87%)



Red (99%)

Yellow (89%)

Blue (87%)

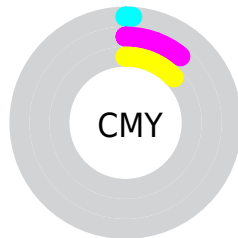


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (11%)


Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6605, 80.4159, 81.0826 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 80.6605, 80.4159, 81.0826 by changing the saturation by 10% instead.




 80.6605, 80.4159,  
81.0826

 80.6605, 80.4159,  
81.0826

485.8587,  
496.3333, 518.3765

 60.5724, 60.0607,  
60.0782


133.2396,  
133.9503, 136.7119

 44.1314, 43.4675,  
43.0560


166.4613,  
167.8983, 172.1738

 30.9722, 30.2521,  
29.5973


204.7916,  
207.1459, 213.2921

 20.7294, 20.0300,  
19.2837

248.5957,  
252.0776, 260.4852

 13.0377, 12.4169,  
11.6966

298.2392,  
303.0779, 314.1716

 7.5317, 7.0283,  
6.4174

354.0872,

 3.8460, 3.4798,

360.5309, 374.7699

3.0276

416.5053,  
424.8213, 442.6987

■ 1.6154, 1.3870,  
1.1088

■ 0.4024, 0.2071,  
0.0000

■ 80.6605, 80.4159,  
81.0826

■ 80.6605, 80.4159,  
81.0826

■ 71.7699, 67.6727,  
62.5856

■ 90.8705, 94.9869,  
102.5160

■ 64.1384, 56.6751,  
46.8922

■ 93.9552, 99.4356,  
108.8488

■ 57.7108, 47.3500,  
33.8669

■ 52.4254, 39.6155,  
23.3612

■ 48.2148, 33.3824,  
15.2118

■ 45.0044, 28.5529,  
9.2362

■ 42.7103, 25.0176,  
5.2251

■ 41.2339, 22.6504,  
2.9278

■ 40.5170, 21.4392,  
2.0027

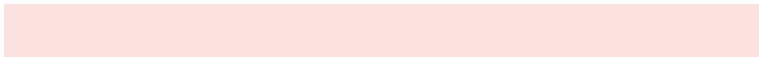
# Harmonies

## Analogous

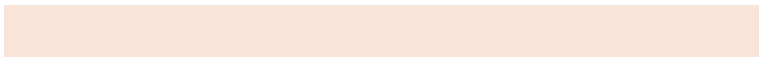
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2877, 80.4159, 87.7516



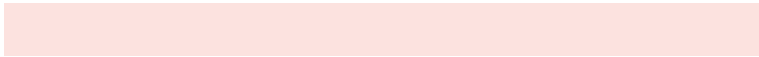
80.6605, 80.4159, 81.0826



78.8948, 80.4159, 76.3739

# Triad

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



80.6605, 80.4159, 81.0826



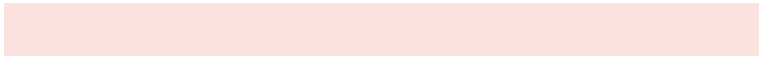
72.4204, 80.4159, 80.7667



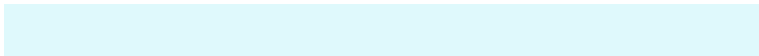
76.3658, 80.4159, 101.8971

# Complementary

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



80.6605, 80.4159, 81.0826



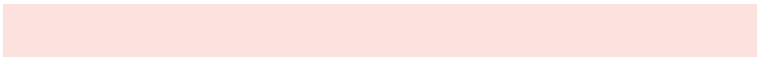
81.8773, 90.4657, 105.2424

# 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.



74.0228, 80.4159, 99.7867



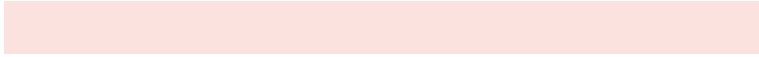
80.6605, 80.4159, 81.0826



71.7753, 80.4159, 87.3671

# Square

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



80.6605, 80.4159, 81.0826



74.1367, 80.4159, 76.1985



72.3557, 80.4159, 94.3719

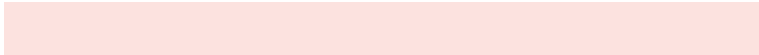


78.7761, 80.4159, 99.9966



# Rectangle

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



80.6605, 80.4159, 81.0826



77.3283, 80.4159, 74.8500



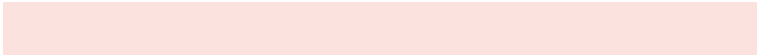
72.3557, 80.4159, 94.3719



75.5445, 80.4159, 101.6314

# Sweetspot

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



80.6627, 80.4195, 81.0843



91.6938, 95.2195, 101.8256



83.6480, 80.3177, 100.7993



19.4388, 20.1137, 21.4004



0.0000, 0.0000, 0.0000

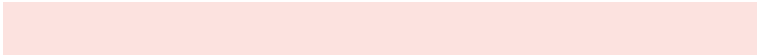


20.3446, 21.4041, 23.3091

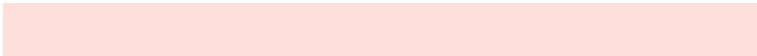


# Same Dimension

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



80.6627, 80.4195, 81.0843



80.4531, 79.1650, 78.2651



84.7430, 88.5801, 82.4444



17.3893, 17.5144, 17.9265



21.1542, 11.2651, 1.0594

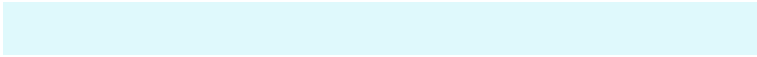


2.0056, 1.1361, 0.1136

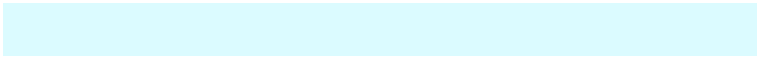


# Inverse Universe

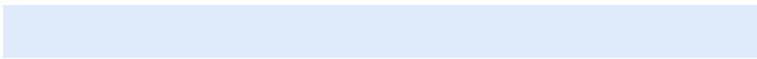
The Inverse Universe completely reimagines the original color for something new.



81.8773, 90.4657, 105.2424



81.9451, 91.5094, 107.9518



77.5971, 81.9052, 103.8157



17.6032, 19.2831, 22.1795



23.3686, 32.0927, 52.9364

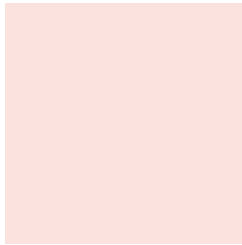


2.2072, 3.0581, 4.9171



# Previews

## White Background



This preview shows how the XYZ color 80.6605, 80.4159, 81.0826 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

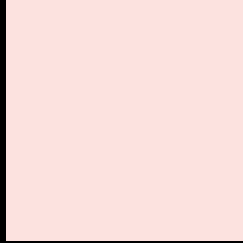
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 80.6605, 80.4159, 81.0826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

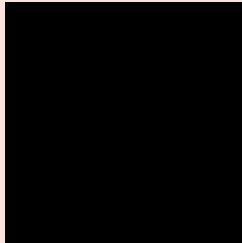
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

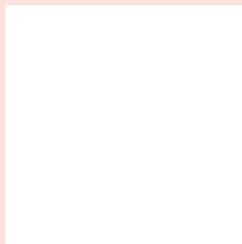
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 80.6605, 80.4159, 81.0826**

## **Background**



This preview shows how black text looks on a background with the XYZ color 80.6605, 80.4159, 81.0826.



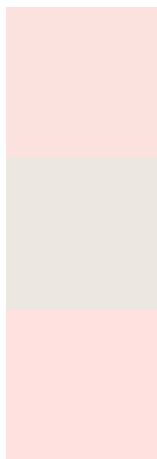
This preview shows how white text looks on a background with the XYZ color 80.6605, 80.4159,

81.0826.

# 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

80.6605, 80.4159, 81.0826

### Protanopia

77.2284, 80.6473, 83.4476

### Deuteranopia

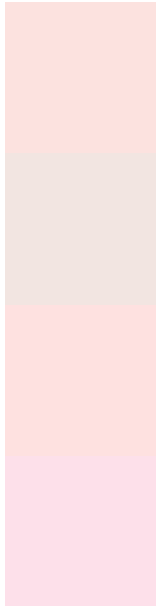
81.6198, 80.4922, 81.7557



## Tritanopia

83.1379, 80.1971, 94.3168

# Trichromacy



## Original Color

80.6605, 80.4159, 81.0826

## Protanomaly

78.2279, 80.3521, 82.6206

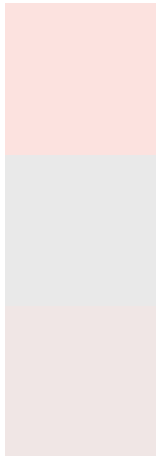
## Deuteranomaly

81.2528, 80.3031, 81.7386

## Tritanomaly

82.0150, 80.1345, 88.9867

# Monochromacy



## Original Color

80.6605, 80.4159, 81.0826

## Achromatopsia

77.4512, 81.4847, 88.7368

## Achromatomaly

78.3749, 80.7760, 85.5893

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 80.6605, 80.4159, 81.0826 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(252, 226, 223) looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 223)  
}
```

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(252, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 80.6605, 80.4159, 81.0826 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(252, 226, 223) }
```



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

```
.border{ border-color:rgb(252, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
223) }
```

# Background

The CSS property to change the background color of an element to XYZ 80.6605, 80.4159, 81.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 223) }
```

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

```
.background{ background-color: rgb(252,  
226, 223) }
```

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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