

Converting Colors

XYZ(80.4358, 81.1856, 76.2134)

Have a look what the booklet for
XYZ(80.4358, 81.1856, 76.2134)
contains.

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Color

**XYZ(80.6461, 81.3273,
76.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE4D8
RGB	253, 228, 216
RGB Percent	99%, 89%, 85%
CMY	0.0078, 0.1059, 0.1529
CMYK	0.00, 0.10, 0.15, 0.01
HSL	19°, 90%, 92%
HSV	19°, 15%, 99%
XYZ	80.6461, 81.3273, 76.4130
YIQ	234.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

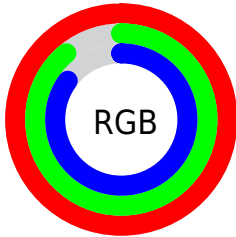
Format	Color
R _Y B	253, 234, 216
Decimal	16639192
CIE Lab	92.28, 6.64, 8.95
CIE LCh	92, 11.147, 53.432
Yxy	81.3273, 0.3383, 0.3412
Android (android.graphics.Color)	4294829272 (0xFFFDE4D8)
YUV	234.1070, -8.9268, 16.5692
Hunter-Lab	90.1817, 1.8080, 12.8894

Details

The XYZ color **80.6461, 81.3273, 76.4130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5035, 84.5997, 105.1738**, and the grayscale version is **78.3451, 82.4252, 89.7610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1415, 44.1961, 39.9224** is the 20% darker color. If you saturate the color by 10%, you get **73.1526, 71.1774, 59.0013**, and if you desaturate by 10%, it is **89.1126, 92.6156, 96.6355**.

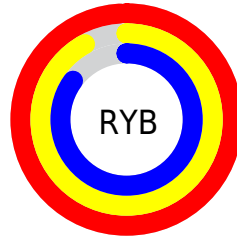
Distribution



Red (99%)

Green (89%)

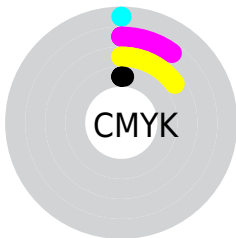
Blue (85%)



Red (99%)

Yellow (92%)

Blue (85%)

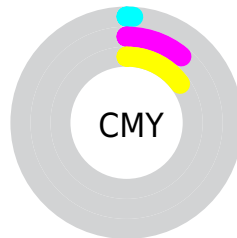


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6461, 81.3273, 76.4130 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 80.6461, 81.3273, 76.4130 by changing the saturation by 10% instead.


 80.6461, 81.3273,
76.4130

 80.6461, 81.3273,
76.4130


485.8110,
499.3947, 502.1447

 60.5605, 60.8112,
56.2625


133.2195,
135.2302, 130.0760

 44.1217, 44.0728,
40.0081


166.4380,
169.3859, 164.4256

 30.9645, 30.7278,
27.2310


204.7648,
208.8568, 204.3453

 20.7235, 20.3916,
17.5128

248.5652,
254.0274, 250.2537

 13.0334, 12.6800,
10.4350

298.2047,
305.2821, 302.5693

 7.5287, 7.2086,
5.5789

354.0486,

 3.8441, 3.5929,

363.0053, 361.7106

2.5262

416.4623,
427.5814, 428.0963

■ 1.6143, 1.4485,
0.8540

■ 0.4017, 0.2521,
0.0000

■ 80.6461, 81.3273,
76.4130

■ 80.6461, 81.3273,
76.4130

■ 73.1526, 71.1774,
59.0013

■ 89.1126, 92.6156,
96.6355

■ 66.5889, 62.1189,
44.2698

94.3184, 99.6228,
108.8658

■ 60.9186, 54.1176,
32.0851

■ 56.0999, 47.1330,
22.3006

■ 52.0875, 41.1222,
14.7540

■ 48.8311, 36.0385,
9.2630

■ 46.2741, 31.8310,
5.6160

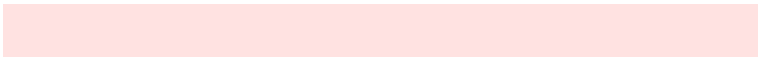
■ 44.3495, 28.4425,
3.5539

■ 43.5321, 26.9304,
2.9037

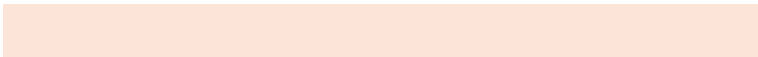
Harmonies

Analogous

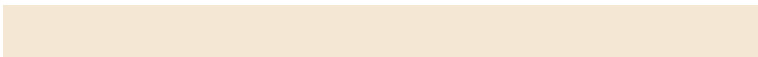
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4932, 81.3273, 82.3924



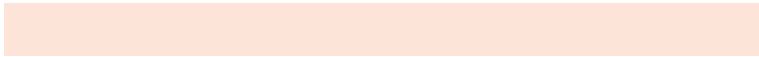
80.6461, 81.3273, 76.4130



77.9344, 81.3273, 73.7097

Triad

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



80.6461, 81.3273, 76.4130



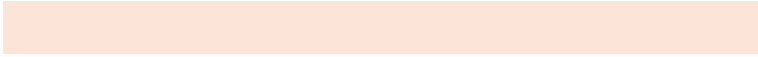
71.9264, 81.3273, 86.7497



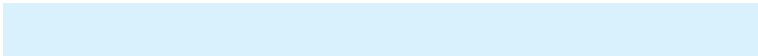
79.5227, 81.3273, 103.9176

Complementary

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



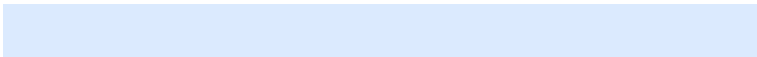
80.6461, 81.3273, 76.4130



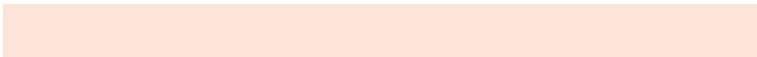
77.5035, 84.5997, 105.1738

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.



76.6674, 81.3273, 105.2629



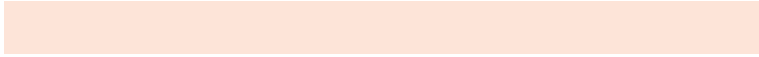
80.6461, 81.3273, 76.4130



72.3278, 81.3273, 95.0104

Square

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



80.6461, 81.3273, 76.4130



72.9356, 81.3273, 79.4335



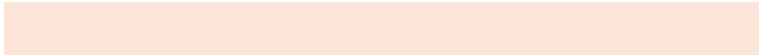
74.0461, 81.3273, 101.9121



81.8334, 81.3273, 98.3420

Rectangle

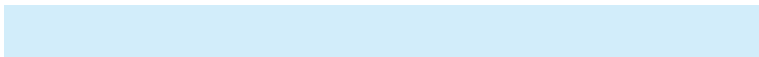
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6461, 81.3273, 76.4130



76.0197, 81.3273, 74.0020



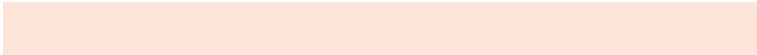
74.0461, 81.3273, 101.9121



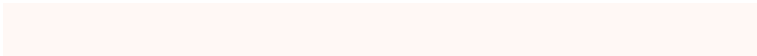
78.5929, 81.3273, 104.8933

Sweetspot

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



80.6483, 81.3309, 76.4147



91.2919, 95.0424, 99.7596



80.9844, 76.3633, 93.9134



19.3929, 20.1480, 20.9962



0.0000, 0.0000, 0.0000



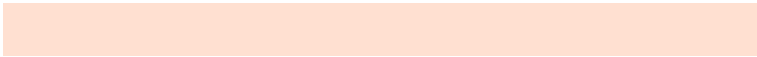
20.3446, 21.4041, 23.3091

Same Dimension

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



80.6483, 81.3309, 76.4147



79.4146, 79.1755, 71.4833



85.9253, 91.8849, 78.1737



18.4905, 18.9493, 18.8274



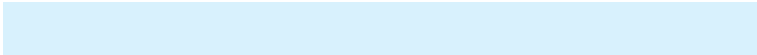
23.2742, 14.5596, 1.5836



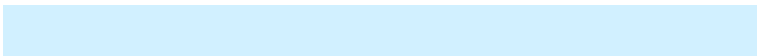
2.3605, 1.6064, 0.1857

Inverse Universe

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



77.5035, 84.5997, 105.1738



75.5646, 83.1736, 106.6792



72.3794, 74.3516, 103.4658



18.0290, 19.4295, 23.0500



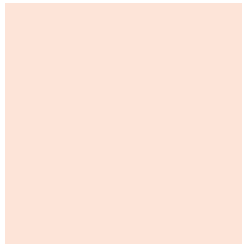
17.3080, 19.5257, 52.2912



1.7846, 2.0999, 5.1245

Previews

White Background



This preview shows how the XYZ color 80.6461, 81.3273, 76.4130 looks on a white background.

Color Contrast Check

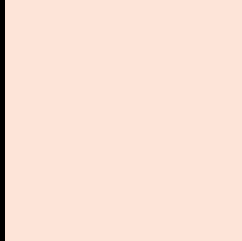
Large Text (above 18pt) WCAG AA × Fail

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 80.6461, 81.3273, 76.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

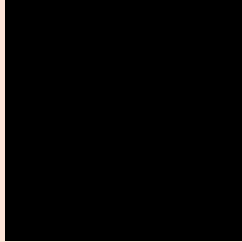
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6461, 81.3273, 76.4130

Background



This preview shows how black text looks on a background with the XYZ color 80.6461, 81.3273, 76.4130.



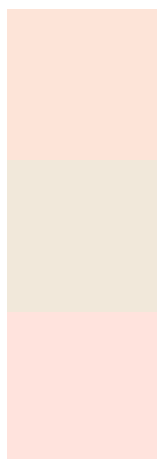
This preview shows how white text looks on a background with the XYZ color 80.6461, 81.3273,

76.4130.

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

80.6461, 81.3273, 76.4130

Protanopia

77.7871, 81.4760, 77.9563

Deuteranopia

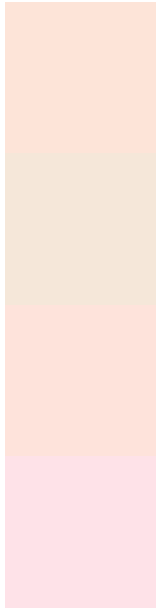
81.7602, 81.4186, 79.8128



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

80.6461, 81.3273, 76.4130

Protanomaly

78.7565, 81.5741, 77.2401

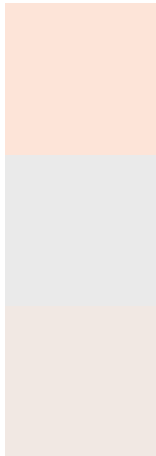
Deuteranomaly

81.1283, 81.1235, 78.4003

Tritanomaly

82.6349, 81.2897, 87.6791

Monochromacy



Original Color

80.6461, 81.3273, 76.4130

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9974, 81.9600, 84.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6461, 81.3273, 76.4130 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(253, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 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(253, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 216) }
```

Border

The CSS property to change the border of an element to XYZ 80.6461, 81.3273, 76.4130 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(253, 228, 216) }
```


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

```
.border{ border-color:rgb(253, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6461, 81.3273, 76.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 216) }
```

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

```
.background{ background-color: rgb(253,  
228, 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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