

Converting Colors

XYZ(80.3274, 81.5576, 77.1541)

Have a look what the booklet for
XYZ(80.3274, 81.5576, 77.1541)
contains.

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Color

**XYZ(80.3274, 81.5576,
77.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE5D9
RGB	251, 229, 217
RGB Percent	98%, 90%, 85%
CMY	0.0157, 0.1019, 0.1490
CMYK	0.00, 0.09, 0.14, 0.02
HSL	21°, 81%, 92%
HSV	21°, 14%, 98%
XYZ	80.3274, 81.5576, 77.1541
YIQ	234.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

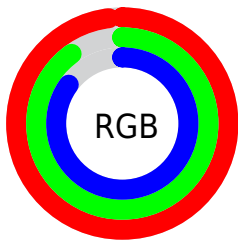
Format	Color
R _Y B	251, 236, 217
Decimal	16508377
CIE Lab	92.38, 5.58, 8.56
CIE LCh	92, 10.213, 56.905
Yxy	81.5576, 0.3360, 0.3412
Android (android.graphics.Color)	4294698457 (0xFFFB E5D9)
YUV	234.2100, -8.4845, 14.7248
Hunter-Lab	90.3092, 0.7293, 12.5631

Details

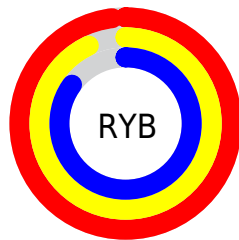
The XYZ color **80.3274, 81.5576, 77.1541** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8941, 83.4482, 103.3221**, and the grayscale version is **78.4209, 82.5049, 89.8478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9058, 44.3501, 40.4288** is the 20% darker color. If you saturate the color by 10%, you get **73.0235, 71.7828, 59.8187**, and if you desaturate by 10%, it is **88.5526, 92.3789, 97.2482**.

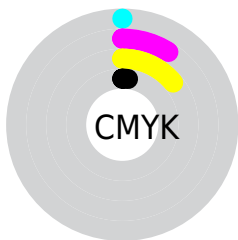
Distribution



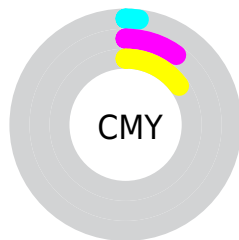
- Red (98%)
- Green (90%)
- Blue (85%)



- Red (98%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3274, 81.5576, 77.1541 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 80.3274, 81.5576, 77.1541 by changing the saturation by 10% instead.


 80.3274, 81.5576,
77.1541

 80.3274, 81.5576,
77.1541


484.7553,
500.1667, 504.7409

 60.2972, 61.0009,
56.8670


132.7740,
135.5534, 131.1320

 43.9086, 44.2259,
40.4899


165.9212,
169.7614, 165.6599

 30.7963, 30.8482,
27.6040


204.1714,
209.2886, 205.7718

 20.5948, 20.4833,
17.7909

247.8900,
254.5194, 251.8863

 12.9389, 12.7468,
10.6321

297.4423,
305.8382, 304.4220

 7.4632, 7.2544,
5.7090

353.1937,

 3.8023, 3.6217,

363.6294, 363.7972

2.6030

415.5096,
428.2775, 430.4307

■ 1.5909, 1.4643,
0.8940

■ 0.3865, 0.2634,
0.0000

■ 80.3274, 81.5576,
77.1541

■ 80.3274, 81.5576,
77.1541

■ 73.0235, 71.7828,
59.8187

■ 88.5526, 92.3789,
97.2482

■ 66.6005, 63.0116,
45.1153

■ 93.5941, 99.2494,
108.8319

■ 61.0245, 55.2141,
32.9148

■ 56.2567, 48.3548,
23.0753

■ 52.2552, 42.3957,
15.4403

■ 48.9735, 37.2960,
9.8341

■ 46.3592, 33.0110,
6.0538

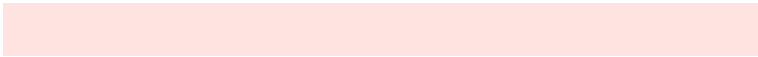
■ 44.3507, 29.4906,
3.8528

■ 43.3251, 27.5915,
3.0422

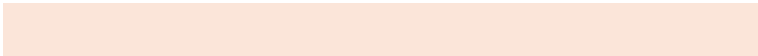
Harmonies

Analogous

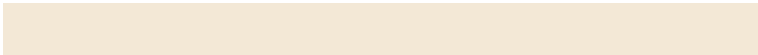
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1408, 81.5576, 82.3752



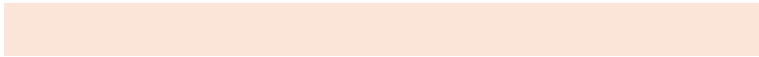
80.3274, 81.5576, 77.1541



77.7929, 81.5576, 75.0422

Triad

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



80.3274, 81.5576, 77.1541



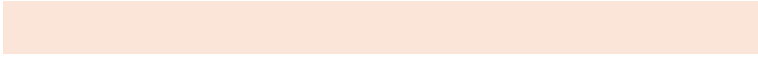
72.5514, 81.5576, 88.0185



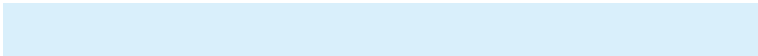
79.8415, 81.5576, 102.4299

Complementary

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



80.3274, 81.5576, 77.1541



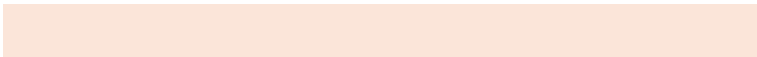
76.8941, 83.4482, 103.3221

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.



77.2439, 81.5576, 104.1495



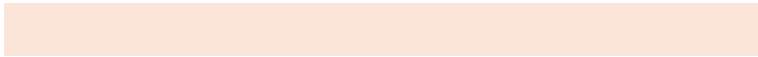
80.3274, 81.5576, 77.1541



73.0721, 81.5576, 95.5554

Square

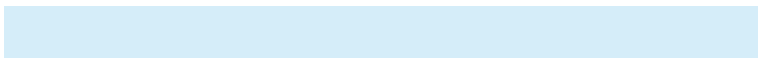
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3274, 81.5576, 77.1541



73.3363, 81.5576, 81.0868



74.7750, 81.5576, 101.5677



81.8558, 81.5576, 96.9925

Rectangle

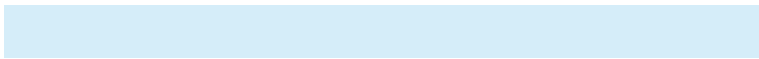
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3274, 81.5576, 77.1541



76.0491, 81.5576, 75.5869



74.7750, 81.5576, 101.5677



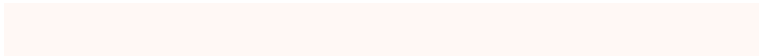
79.0058, 81.5576, 103.4749

Sweetspot

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



80.3296, 81.5612, 77.1558



91.3818, 95.2222, 99.7896



80.1923, 76.3740, 92.2549



19.4156, 20.1934, 21.0038



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.



80.3296, 81.5612, 77.1558



81.3134, 81.9458, 75.2838



85.2344, 91.3707, 78.7907



17.7459, 18.2278, 18.0454



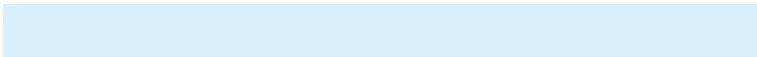
22.8969, 14.7504, 1.6403



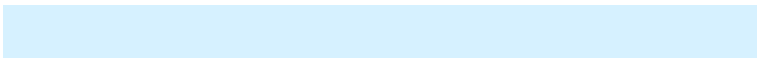
2.2163, 1.5574, 0.1838

Inverse Universe

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



76.8941, 83.4482, 103.3221



77.1754, 84.2171, 106.7957



72.1768, 74.0136, 101.7496



17.2200, 18.5169, 22.0518



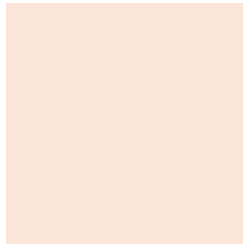
16.1215, 17.5986, 50.5207



1.5928, 1.8293, 4.7123

Previews

White Background



This preview shows how the XYZ color 80.3274, 81.5576, 77.1541 looks on a white background.

Color Contrast Check

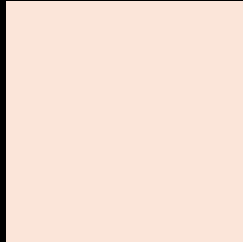
Large Text (above 18pt) WCAG AA × Fail

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 80.3274, 81.5576, 77.1541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

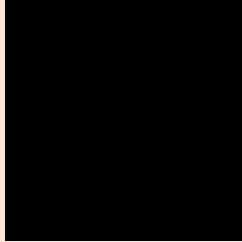
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3274, 81.5576, 77.1541

Background



This preview shows how black text looks on a background with the XYZ color 80.3274, 81.5576, 77.1541.

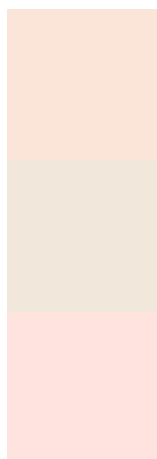


This preview shows how white text looks on a background with the XYZ color 80.3274, 81.5576,

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

80.3274, 81.5576, 77.1541

Protanopia

77.9184, 81.5285, 78.6477

Deuteranopia

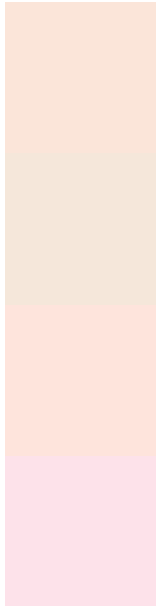
81.8939, 81.4721, 80.5167



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

80.3274, 81.5576, 77.1541

Protanomaly

78.8870, 81.6263, 77.9273

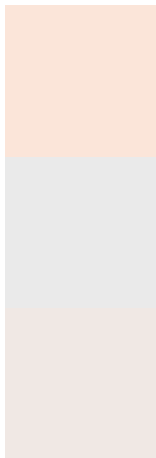
Deuteranomaly

81.5347, 81.7249, 79.1873

Tritanomaly

82.5557, 81.2159, 89.1670

Monochromacy



Original Color

80.3274, 81.5576, 77.1541

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.7954, 81.8399, 85.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3274, 81.5576, 77.1541 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(251, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 217)  
}
```

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(251, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 80.3274, 81.5576, 77.1541 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(251, 229, 217) }
```


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

```
.border{ border-color:rgb(251, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3274, 81.5576, 77.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 217) }
```

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

```
.background{ background-color: rgb(251,  
229, 217) }
```

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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