

# Converting Colors

XYZ(77.3074, 79.0844, 73.8686)

Have a look what the booklet for  
XYZ(77.3074, 79.0844, 73.8686)  
contains.

<b>XYZ(77.4854, 79.3351, 74.1801)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(77.4854, 79.3351,  
74.1801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E3D5
RGB	246, 227, 213
RGB Percent	96%, 89%, 84%
CMY	0.0353, 0.1098, 0.1647
CMYK	0.00, 0.08, 0.13, 0.04
HSL	25°, 65%, 90%
HSV	25°, 13%, 96%
XYZ	77.4854, 79.3351, 74.1801
YIQ	231.0850, 15.8180, -0.3260

# Conversions

## Conversions Part 2

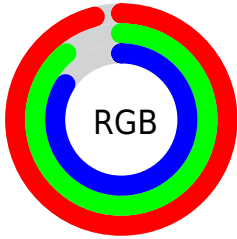
Format	Color
RYP	246, 237, 213
Decimal	16180181
CIELab	91.39, 4.22, 9.16
CIElCh	91, 10.088, 65.290
Yxy	79.3351, 0.3354, 0.3434
Android (android.graphics.Color)	4294370261 (0xFFFF6E3D5)
YUV	231.0850, -8.9159, 13.0805
Hunter-Lab	89.0703, -0.5894, 12.9709

# Details

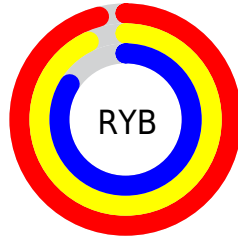
The XYZ color **77.4854, 79.3351, 74.1801** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9315, 78.5117, 98.5000**, and the grayscale version is **76.0768, 80.0387, 87.1621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1593, 42.9208, 38.4103** is the 20% darker color. If you saturate the color by 10%, you get **70.8823, 70.7521, 57.7249**, and if you desaturate by 10%, it is **84.8851, 88.7518, 93.2394**.

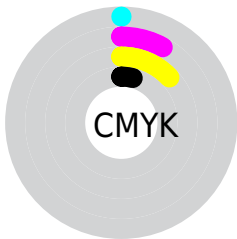
# Distribution



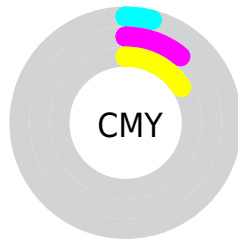
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4854, 79.3351, 74.1801 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 77.4854, 79.3351, 74.1801 by changing the saturation by 10% instead.




 77.4854, 79.3351,  
74.1801

 77.4854, 79.3351,  
74.1801


475.2840,  
492.6892, 494.2747

 57.9527, 59.1714,  
54.4438


128.7937,  
132.4305, 126.8875

 42.0137, 42.7511,  
38.5610


161.2999,  
166.1310, 160.6956

 29.3032, 29.6899,  
26.1132


198.8613,  
205.1125, 200.0314

 19.4557, 19.6033,  
16.6818

241.8433,  
249.7594, 245.3135

 12.1060, 12.1070,  
9.8483

290.6112,  
300.4561, 296.9603

 6.8886, 6.8166,  
5.1942

345.5304,

 3.4382, 3.3477,

357.5871, 355.3904

2.3009

406.9662,  
421.5367, 421.0224

■ 1.3895, 1.3158,  
0.7317

■ 0.2487, 0.1534,  
0.0000

■ 77.4854, 79.3351,  
74.1801

■ 77.4854, 79.3351,  
74.1801

■ 70.8823, 70.7521,  
57.7249

■ 84.8851, 88.7518,  
93.2394

■ 65.0404, 62.9683,  
43.7542

■ 91.8164, 98.3330,  
108.7487

■ 59.9311, 55.9625,  
32.1465

■ 55.5212, 49.7080,  
22.7679

■ 51.7747, 44.1768,  
15.4713

■ 48.6517, 39.3384,  
10.0910

■ 46.1072, 35.1597,  
6.4360

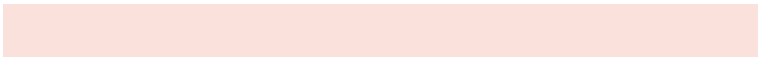
■ 44.0876, 31.6033,  
4.2745

■ 42.9968, 29.5739,  
3.4421

# Harmonies

## Analogous

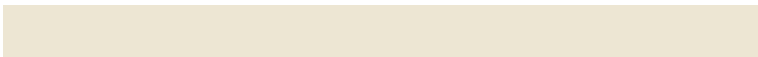
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5018, 79.3351, 78.4794



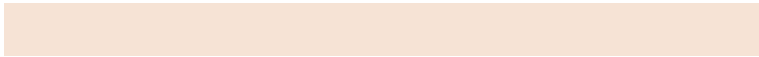
77.4854, 79.3351, 74.1801



74.9520, 79.3351, 73.0719

# Triad

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



77.4854, 79.3351, 74.1801



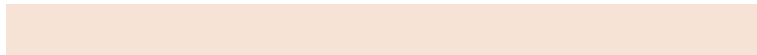
70.6022, 79.3351, 87.6908



78.2899, 79.3351, 98.4275

# Complementary

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



77.4854, 79.3351, 74.1801



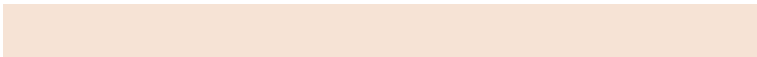
72.9315, 78.5117, 98.5000

# 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.



75.8611, 79.3351, 101.2185



77.4854, 79.3351, 74.1801



71.4526, 79.3351, 94.7990

# Square

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



77.4854, 79.3351, 74.1801



71.0150, 79.3351, 80.6135



73.3634, 79.3351, 99.8545



79.9736, 79.3351, 92.4203



# Rectangle

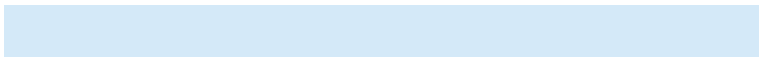
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4854, 79.3351, 74.1801



73.3190, 79.3351, 74.2347



73.3634, 79.3351, 99.8545



77.5315, 79.3351, 99.7880

# Sweetspot

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



77.4876, 79.3386, 74.1818



91.6064, 95.6713, 99.8644



76.4023, 73.0229, 86.5992



19.4723, 20.3069, 21.0227



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

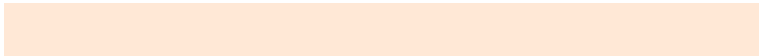


# Same Dimension

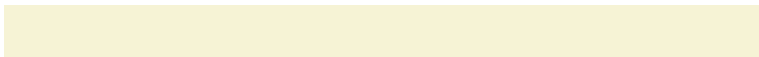
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4876, 79.3386, 74.1818



82.1233, 83.5656, 75.5537



82.1427, 88.6488, 75.7335



17.0772, 17.6386, 17.3021



23.0820, 16.0496, 1.8813



2.1282, 1.6097, 0.1985

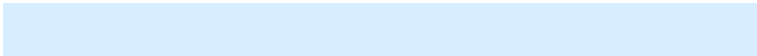


# Inverse Universe

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



72.9315, 78.5117, 98.5000



76.3230, 82.5123, 106.5116



68.5681, 69.7849, 97.0455



16.3733, 17.5109, 21.0595



14.1524, 14.0987, 48.5134

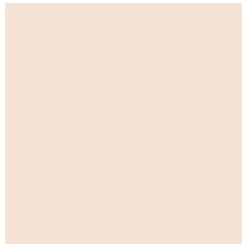


1.3456, 1.4425, 4.2978



# Previews

## White Background



This preview shows how the XYZ color 77.4854, 79.3351, 74.1801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

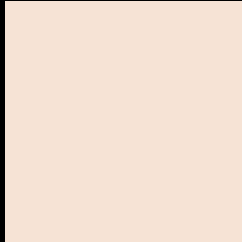
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.4854, 79.3351, 74.1801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

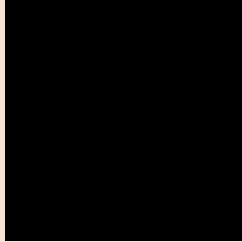
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.4854, 79.3351, 74.1801**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.4854, 79.3351, 74.1801.



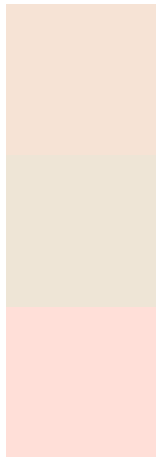
This preview shows how white text looks on a background with the XYZ color 77.4854, 79.3351,



# 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

77.4854, 79.3351, 74.1801

### Protanopia

75.4168, 79.0708, 74.9056

### Deuteranopia

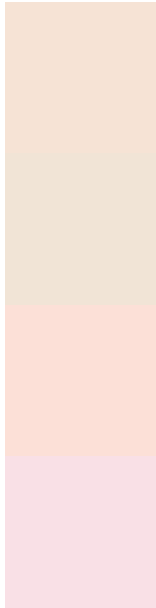
80.0223, 78.9932, 75.9953



## Tritanopia

81.5402, 79.3906, 93.4644

# Trichromacy



## Original Color

77.4854, 79.3351, 74.1801

## Protanomaly

76.1566, 79.0426, 74.8612

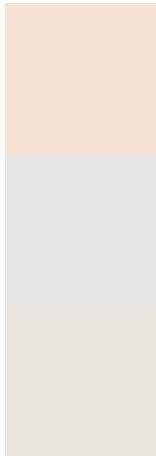
## Deuteranomaly

79.0663, 78.9131, 75.3545

## Tritanomaly

80.0055, 79.1642, 85.9264

# Monochromacy



## Original Color

77.4854, 79.3351, 74.1801

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

76.3434, 79.8083, 81.9018

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.4854, 79.3351, 74.1801 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(246, 227, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 213)  
}
```

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(246, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 77.4854, 79.3351, 74.1801 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(246, 227, 213) }
```



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

```
.border{ border-color:rgb(246, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.4854, 79.3351, 74.1801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 213) }
```

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

```
.background{ background-color: rgb(246,  
227, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor