

# Converting Colors

XYZ(78.9476, 81.8020, 73.4223)

Have a look what the booklet for  
XYZ(78.9476, 81.8020, 73.4223)  
contains.

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# **Color**

**XYZ(79.0452, 81.8114,  
73.2531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E7D3
RGB	248, 231, 211
RGB Percent	97%, 91%, 83%
CMY	0.0274, 0.0941, 0.1725
CMYK	0.00, 0.07, 0.15, 0.03
HSL	32°, 73%, 90%
HSV	32°, 15%, 97%
XYZ	79.0452, 81.8114, 73.2531
YIQ	233.8030, 16.5520, -2.6160

# Conversions

## Conversions Part 2

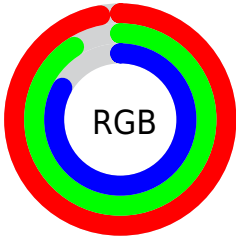
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 248, 211
Decimal	16312275
CIE Lab	92.49, 2.56, 11.81
CIE LCh	92, 12.082, 77.749
Yxy	81.8114, 0.3376, 0.3495
Android (android.graphics.Color)	4294502355 (0xFFF8E7D3)
YUV	233.8030, -11.2419, 12.4508
Hunter-Lab	90.4497, -2.2933, 15.2971

# Details

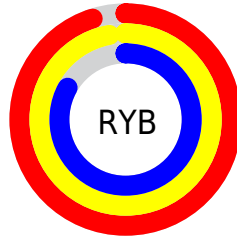
The XYZ color **79.0452, 81.8114, 73.2531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.5504, 76.1116, 99.7276**, and the grayscale version is **78.1332, 82.2022, 89.5182**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8166, 44.1366, 37.7150** is the 20% darker color. If you saturate the color by 10%, you get **73.0882, 74.4946, 57.0936**, and if you desaturate by 10%, it is **85.6939, 89.7424, 92.0115**.

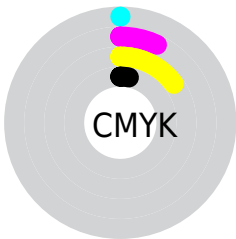
# Distribution



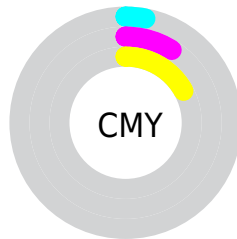
- Red (97%)
- Green (91%)
- Blue (83%)



- Red (95%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0452, 81.8114, 73.2531 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 79.0452, 81.8114, 73.2531 by changing the saturation by 10% instead.




 79.0452, 81.8114,  
73.2531

 79.0452, 81.8114,  
73.2531


480.4949,  
501.0166, 490.9858

 59.2387, 61.2101,  
53.6899


130.9801,  
135.9095, 125.5607

 43.0524, 44.3947,  
37.9623


163.8392,  
170.1751, 159.1421

 30.1210, 30.9810,  
25.6518


201.7799,  
209.7642, 198.2334

 20.0789, 20.5843,  
16.3399

245.1676,  
255.0612, 243.2530

 12.5610, 12.8205,  
9.6080

294.3676,  
306.4506, 294.6195

 7.2019, 7.3051,  
5.0377

349.7452,

 3.6361, 3.6536,

364.3167, 352.7515

2.2103

411.6659,  
429.0439, 418.0674

■ 1.4984, 1.4817,  
0.6803

■ 0.3248, 0.2758,  
0.0000

■ 79.0452, 81.8114,  
73.2531

■ 79.0452, 81.8114,  
73.2531

■ 73.0882, 74.4946,  
57.0936

■ 85.6939, 89.7424,  
92.0115

■ 67.7905, 67.7645,  
43.4111

■ 92.1366, 97.9264,  
108.6533

■ 63.1265, 61.6073,  
32.0816

■ 92.5217, 98.6966,  
108.7817

■ 59.0664, 56.0043,  
22.9681

■ 55.5775, 50.9355,  
15.9194

■ 52.6231, 46.3793,  
10.7650

■ 50.1613, 42.3114,  
7.3066

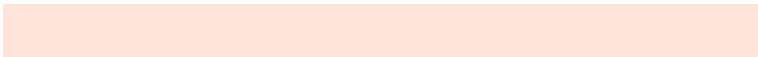
■ 48.1415, 38.7039,  
5.3007

■ 47.2487, 37.0305,  
4.6573

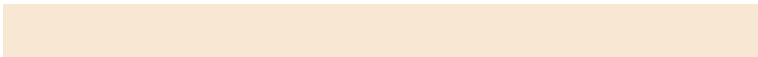
# Harmonies

## Analogous

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



81.8825, 81.8114, 76.9031



79.0452, 81.8114, 73.2531



75.9364, 81.8114, 73.6299

# Triad

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



79.0452, 81.8114, 73.2531



72.1592, 81.8114, 94.4450



82.3064, 81.8114, 101.1959

# Complementary

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



79.0452, 81.8114, 73.2531



71.5504, 76.1116, 99.7276

# 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.



79.6111, 81.8114, 106.5501



79.0452, 81.8114, 73.2531



73.7768, 81.8114, 102.4760

# Square

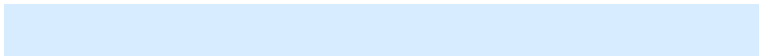
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0452, 81.8114, 73.2531



72.0169, 81.8114, 85.4660



76.4874, 81.8114, 107.0337



83.7990, 81.8114, 92.7918

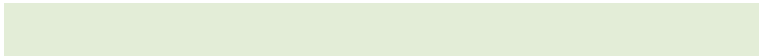


# Rectangle

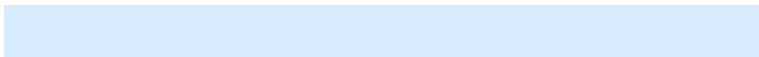
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0452, 81.8114, 73.2531



74.1276, 81.8114, 76.1156



76.4874, 81.8114, 107.0337



81.5077, 81.8114, 103.4359

# Sweetspot

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



79.0474, 81.8150, 73.2548



91.9744, 96.4074, 99.9871



76.0473, 72.1624, 83.5147



19.5654, 20.4931, 21.0537



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

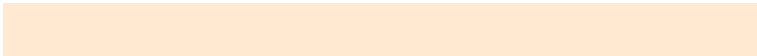


# Same Dimension

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



79.0474, 81.8150, 73.2548



82.1601, 84.6665, 72.3985



83.6017, 91.5706, 74.8978



18.0221, 18.7801, 18.1374



25.6656, 20.2878, 2.5632



2.4831, 2.0911, 0.2727

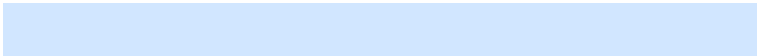


# Inverse Universe

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



71.5504, 76.1116, 99.7276



72.7207, 77.4857, 105.7312



67.4573, 67.3988, 98.2616



16.9400, 17.9568, 21.9585



12.5348, 10.4252, 49.3252

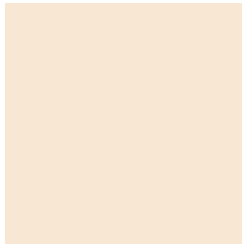


1.2656, 1.1749, 4.6032



# Previews

## White Background



This preview shows how the XYZ color 79.0452, 81.8114, 73.2531 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

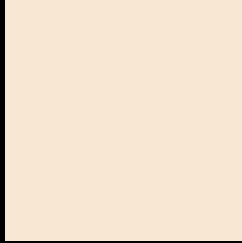
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.0452, 81.8114, 73.2531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

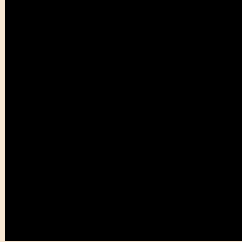
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

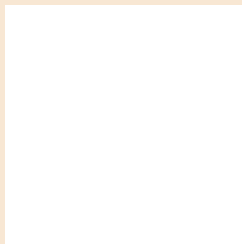
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.0452, 81.8114, 73.2531

## Background



This preview shows how black text looks on a background with the XYZ color 79.0452, 81.8114, 73.2531.



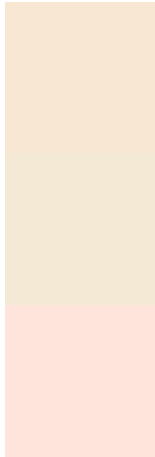
This preview shows how white text looks on a background with the XYZ color 79.0452, 81.8114,

73.2531.

# 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

79.0452, 81.8114, 73.2531

### Protanopia

77.9847, 82.0860, 74.0213

### Deuteranopia

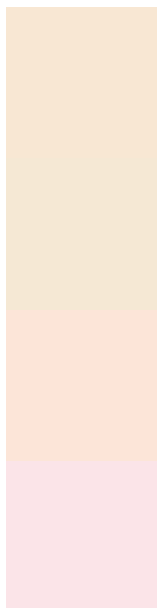
81.7696, 81.8613, 78.5089



## Tritanopia

83.6704, 81.6198, 96.9322

# Trichromacy



## Original Color

79.0452, 81.8114, 73.2531

## Protanomaly

78.3965, 81.8792, 73.9597

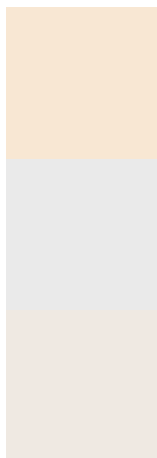
## Deuteranomaly

80.5589, 81.6919, 76.4880

## Tritanomaly

82.0926, 81.8222, 87.8105

# Monochromacy



## Original Color

79.0452, 81.8114, 73.2531

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

78.4630, 82.1195, 83.6667

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.0452, 81.8114, 73.2531 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(248, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 211)  
}
```

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(248, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 79.0452, 81.8114, 73.2531 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(248, 231, 211) }
```



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

```
.border{ border-color:rgb(248, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.0452, 81.8114, 73.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 211) }
```

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

```
.background{ background-color: rgb(248,  
231, 211) }
```

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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