

# Converting Colors

XYZ(78.1543, 73.6913, 95.7777)

Have a look what the booklet for  
XYZ(78.1543, 73.6913, 95.7777)  
contains.

|  |    |
|--|----|
| <b>XYZ(78.1294, 73.7130, 95.6981)</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(78.1294, 73.7130,  
95.6981)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | F6D5F4                    |
| RGB           | 246, 213, 244             |
| RGB Percent   | 96%, 84%, 96%             |
| CMY           | 0.0353, 0.1647, 0.0431    |
| CMYK          | 0.00, 0.13, 0.01, 0.04    |
| HSL           | 304°, 65%, 90%            |
| HSV           | 304°, 13%, 96%            |
| XYZ           | 78.1294, 73.7130, 95.6981 |
| YIQ           | 226.4010, 9.7170, 16.6370 |

# Conversions

## Conversions Part 2

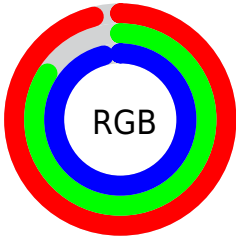
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 246, 213, 244                |
| Decimal                             | 16176628                     |
| CIE <sub>Lab</sub>                  | 88.79, 16.71, -10.91         |
| CIE <sub>LCh</sub>                  | 89, 19.957, 326.858          |
| Yxy                                 | 73.7130, 0.3156,<br>0.2978   |
| Android<br>(android.graphics.Color) | 4294366708<br>(0xFFFF6D5F4)  |
| YUV                                 | 226.4010, 8.6763,<br>17.1883 |
| Hunter-Lab                          | 85.8563, 12.1869,<br>-5.9871 |

# Details

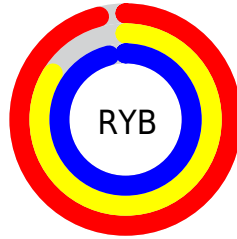
The XYZ color **78.1294, 73.7130, 95.6981** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6649, 84.9660, 76.8641**, and the grayscale version is **72.5150, 76.2914, 83.0813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5392, 39.0317, 52.8688** is the 20% darker color. If you saturate the color by 10%, you get **72.1803, 62.1746, 92.6033**, and if you desaturate by 10%, it is **85.0232, 87.1356, 99.1186**.

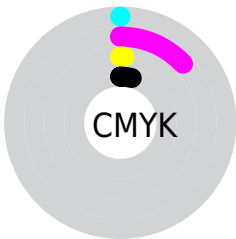
# Distribution



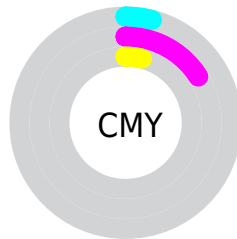
- Red (96%)
- Green (84%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (4%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1294, 73.7130, 95.6981 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 78.1294, 73.7130, 95.6981 by changing the saturation by 10% instead.



78.1294, 73.7130,  
95.6981

78.1294, 73.7130,  
95.6981

477.4393,  
473.4822, 567.4388

58.4834, 54.5592,  
72.1160

129.6969,  
124.4889, 157.2326

42.4422, 39.0489,  
52.7661

162.3492,  
156.8797, 196.0221

29.6403, 26.7978,  
37.2296

200.0676,  
194.4517, 240.7178

19.7125, 17.4214,  
25.0881

243.2175,  
237.5892, 291.7383

12.2932, 10.5354,  
15.9231

292.1643,  
286.6766, 349.5021

7.0173, 5.7554,  
9.3160

347.2733,

3.5194, 2.6969,

342.0983, 414.4278

4.8482

408.9098,  
404.2387, 486.9338

■ 1.4340, 0.9756,  
2.1013

■ 0.2803, 0.0000,  
0.6166

■ 78.1294, 73.7130,  
95.6981

■ 78.1294, 73.7130,  
95.6981

■ 72.1803, 62.1746,  
92.6033

■ 85.0232, 87.1356,  
99.1186

■ 67.1272, 52.4264,  
89.8152

■ 90.5525, 97.8275,  
102.0925

■ 62.9270, 44.3811,  
87.3205

■ 90.7836, 97.9199,  
103.3094

■ 59.5303, 37.9399,  
85.1026

■ 91.0166, 98.0131,  
104.5360

56.8828, 32.9941,  
83.1434

91.2513, 98.1070,  
105.7723

54.9234, 29.4216,  
81.4224

91.4880, 98.2017,  
107.0184

53.5813, 27.0809,  
79.9162

91.7265, 98.2971,  
108.2743

52.7706, 25.8000,  
78.5959

91.8166, 98.3331,  
108.7487

52.4430, 25.3677,  
77.7999

# Harmonies

## Analogous

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



74.3420, 73.7130, 106.4044



78.1294, 73.7130, 95.6981



79.7502, 73.7130, 81.7277

# Triad

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



78.1294, 73.7130, 95.6981



70.5723, 73.7130, 56.5250



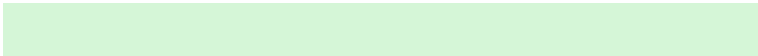
62.0990, 73.7130, 92.8866

# Complementary

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



78.1294, 73.7130, 95.6981



72.6649, 84.9660, 76.8641

# 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.



61.1920, 73.7130, 78.8118



78.1294, 73.7130, 95.6981



65.9495, 73.7130, 58.7941

# Square

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



78.1294, 73.7130, 95.6981



75.2630, 73.7130, 59.9869



62.5700, 73.7130, 66.5801



65.1063, 73.7130, 104.6546



# Rectangle

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



78.1294, 73.7130, 95.6981



79.3311, 73.7130, 72.7923



62.5700, 73.7130, 66.5801



61.5446, 73.7130, 88.2237

# Sweetspot

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



78.1316, 73.7162, 95.6997



91.7825, 93.6241, 107.3205



68.3537, 68.6403, 96.8362



19.5178, 19.7909, 22.9088



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.



78.1316, 73.7162, 95.6997



82.9915, 76.5162, 102.9287



75.7855, 72.7778, 83.3456



17.1677, 16.7499, 20.6297



28.0109, 13.5478, 41.6271



2.4748, 1.1959, 3.7267



# Inverse Universe

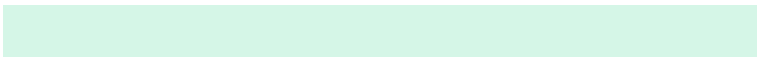
The Inverse Universe completely reimagines the original color for something new.



78.1316, 73.7162, 95.6997



82.9915, 76.5162, 102.9287



74.8439, 85.8376, 88.3386



17.1677, 16.7499, 20.6297



28.0109, 13.5478, 41.6271

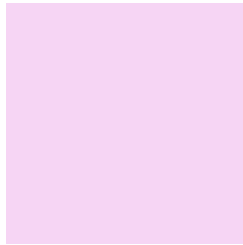


2.4748, 1.1959, 3.7267



# Previews

## White Background



This preview shows how the XYZ color 78.1294, 73.7130, 95.6981 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

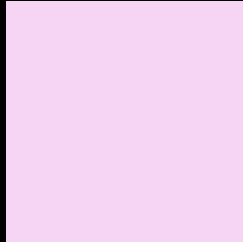
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.1294, 73.7130, 95.6981 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 78.1294, 73.7130, 95.6981

## Background



This preview shows how black text looks on a background with the XYZ color 78.1294, 73.7130, 95.6981.



This preview shows how white text looks on a background with the XYZ color 78.1294, 73.7130,

95.6981.

# 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

78.1294, 73.7130, 95.6981

### Protanopia

72.1688, 73.6125, 100.0275

### Deuteranopia

75.2515, 73.7589, 95.0647



## Tritanopia

76.1742, 73.6602, 86.5470

# Trichromacy



## Original Color

78.1294, 73.7130, 95.6981

## Protanomaly

74.1730, 73.5162, 98.2764

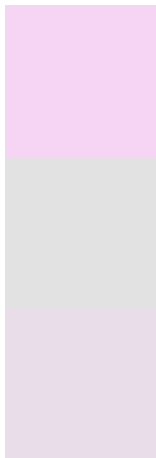
## Deuteranomaly

76.3301, 73.9335, 95.0416

## Tritanomaly

76.8431, 73.5617, 89.5056

# Monochromacy



## Original Color

78.1294, 73.7130, 95.6981

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

74.1687, 74.9197, 87.6426

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.1294, 73.7130, 95.6981 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, 213, 244) looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 244)  
}
```

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, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 244) }
```

## Border

The CSS property to change the border of an element to XYZ 78.1294, 73.7130, 95.6981 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, 213, 244) }
```



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

```
.border{ border-color:rgb(246, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
244) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.1294, 73.7130, 95.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 244) }
```

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

```
.background{ background-color: rgb(246,  
213, 244) }
```

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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