

Converting Colors

XYZ(78.0362, 73.8738, 83.6803)

Have a look what the booklet for
XYZ(78.0362, 73.8738, 83.6803)
contains.

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Color

**XYZ(77.9427, 73.8854,
83.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD5E4
RGB	252, 213, 228
RGB Percent	99%, 84%, 89%
CMY	0.0118, 0.1647, 0.1059
CMYK	0.00, 0.15, 0.10, 0.01
HSL	337°, 87%, 91%
HSV	337°, 15%, 99%
XYZ	77.9427, 73.8854, 83.5521
YIQ	226.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

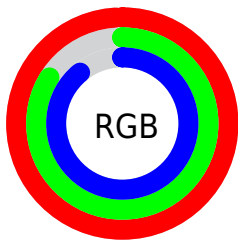
Format	Color
R _Y B	252, 213, 228
Decimal	16569828
CIE Lab	88.87, 15.98, -2.30
CIE LCh	89, 16.149, 351.827
Yxy	73.8854, 0.3311, 0.3139
Android (android.graphics.Color)	4294759908 (0xFFFC D5E4)
YUV	226.3710, 0.8031, 22.4766
Hunter-Lab	85.9566, 11.4340, 2.5382

Details

The XYZ color **77.9427, 73.8854, 83.5521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5399, 89.8832, 93.3874**, and the grayscale version is **72.5440, 76.3219, 83.1146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2754, 39.0730, 44.8488** is the 20% darker color. If you saturate the color by 10%, you get **70.0329, 61.3575, 70.7653**, and if you desaturate by 10%, it is **87.0348, 88.4668, 97.6877**.

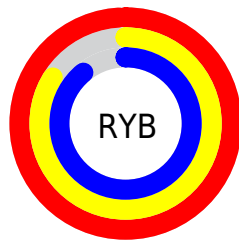
Distribution



Red (99%)

Green (84%)

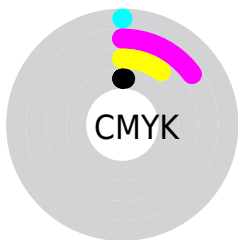
Blue (89%)



Red (99%)

Yellow (84%)

Blue (89%)

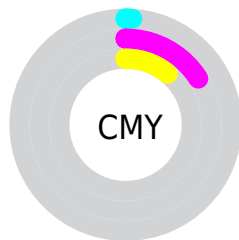


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9427, 73.8854, 83.5521 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 77.9427, 73.8854, 83.5521 by changing the saturation by 10% instead.


 77.9427, 73.8854,
83.5521

 77.9427, 73.8854,
83.5521


476.8150,
474.0778, 526.8438

 58.3295, 54.7002,
62.1025


129.4351,
124.7333, 140.2046

 42.3179, 39.1618,
44.6792


162.0451,
157.1649, 176.2445

 29.5425, 26.8856,
30.8637


199.7181,
194.7808, 217.9850

 19.6379, 17.4873,
20.2375

242.8194,
237.9653, 265.8445

 12.2389, 10.5826,
12.3820

291.7143,
287.1028, 320.2416

 6.9799, 5.7869,
6.8787

346.7684,

 3.4958, 2.7159,

342.5778, 381.5948

3.3091

408.3468,
404.7747, 450.3227

■ 1.4210, 0.9853,
1.2545

■ 0.2711, 0.0000,
0.0241

■ 77.9427, 73.8854,
83.5521

■ 77.9427, 73.8854,
83.5521

■ 70.0329, 61.3575,
70.7653

■ 87.0348, 88.4668,
97.6877

■ 63.2486, 50.7807,
59.2810

■ 93.9552, 99.4356,
108.8488

■ 57.5378, 42.0582,
49.0565

■ 52.8417, 35.0812,
40.0452

■ 49.0956, 29.7296,
32.1971

■ 46.2266, 25.8675,
25.4578

■ 44.1506, 23.3367,
19.7676

■ 42.7645, 21.9424,
15.0583

■ 42.2986, 21.5570,
13.2180

Harmonies

Analogous

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



76.3107, 73.8854, 94.5199



77.9427, 73.8854, 83.5521



77.4473, 73.8854, 72.6972

Triad

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



77.9427, 73.8854, 83.5521



67.4644, 73.8854, 62.0513



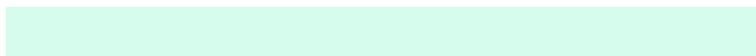
65.6760, 73.8854, 98.6126

Complementary

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



77.9427, 73.8854, 83.5521



77.5399, 89.8832, 93.3874

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.



63.4679, 73.8854, 88.7324



77.9427, 73.8854, 83.5521



64.4734, 73.8854, 67.8482

Square

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



77.9427, 73.8854, 83.5521



71.3013, 73.8854, 60.9424



63.0359, 73.8854, 77.4230



69.1613, 73.8854, 103.7276

Rectangle

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



77.9427, 73.8854, 83.5521



75.9851, 73.8854, 66.9125



63.0359, 73.8854, 77.4230



64.7652, 73.8854, 95.6972

Sweetspot

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



77.9448, 73.8887, 83.5537



89.8787, 91.6380, 101.0703



76.0926, 72.5218, 102.0839



19.0876, 19.3723, 21.4038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

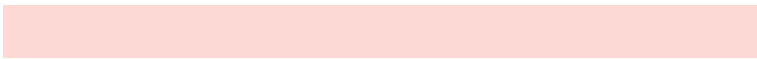
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9448, 73.8887, 83.5537



77.0593, 71.1141, 81.0289



76.9448, 75.0770, 73.3907



17.5208, 17.3357, 19.3325



22.1001, 11.2558, 7.2356



2.0969, 1.0625, 0.9335

Inverse Universe

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



77.9448, 73.8887, 83.5537



77.0593, 71.1141, 81.0289



78.6118, 88.3726, 105.0106



17.5208, 17.3357, 19.3325



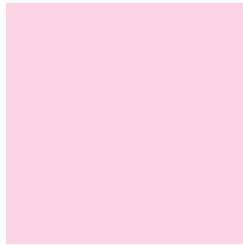
22.1001, 11.2558, 7.2356



2.0969, 1.0625, 0.9335

Previews

White Background



This preview shows how the XYZ color 77.9427, 73.8854, 83.5521 looks on a white background.

Color Contrast Check

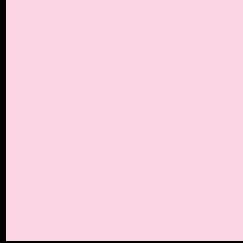
Large Text (above 18pt) WCAG AA × Fail

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 77.9427, 73.8854, 83.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

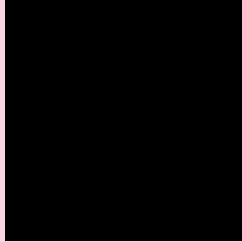
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9427, 73.8854, 83.5521

Background



This preview shows how black text looks on a background with the XYZ color 77.9427, 73.8854, 83.5521.

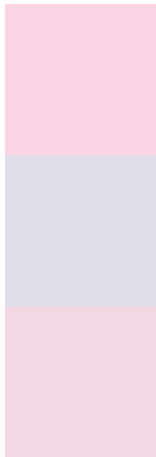


This preview shows how white text looks on a background with the XYZ color 77.9427, 73.8854,

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

77.9427, 73.8854, 83.5521

Protanopia

71.5697, 73.9730, 87.5969

Deuteranopia

75.3831, 73.7125, 82.9279



Tritanopia

78.0820, 73.9411, 84.2854

Trichromacy



Original Color

77.9427, 73.8854, 83.5521

Protanomaly

73.6870, 73.9250, 85.9865

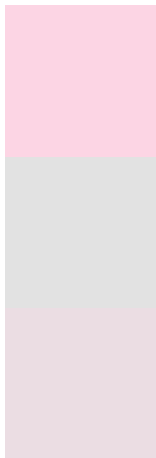
Deuteranomaly

76.1716, 73.7398, 82.8916

Tritanomaly

78.0820, 73.9411, 84.2854

Monochromacy



Original Color

77.9427, 73.8854, 83.5521

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9825, 74.9211, 83.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9427, 73.8854, 83.5521 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(252, 213, 228) looks like.

```
.text, #text, p{  
    color:rgb(252, 213, 228)  
}
```

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(252, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 213, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.9427, 73.8854, 83.5521 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(252, 213, 228) }
```


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

```
.border{ border-color:rgb(252, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 213,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9427, 73.8854, 83.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 213, 228) }
```

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

```
.background{ background-color: rgb(252,  
213, 228) }
```

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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