

Converting Colors

XYZ(77.8957, 74.1853, 85.8154)

Have a look what the booklet for
XYZ(77.8957, 74.1853, 85.8154)
contains.

XYZ(77.8947, 74.1866, 85.8153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.8947, 74.1866,
85.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD6E7
RGB	250, 214, 231
RGB Percent	98%, 84%, 91%
CMY	0.0196, 0.1608, 0.0941
CMYK	0.00, 0.14, 0.08, 0.02
HSL	332°, 78%, 91%
HSV	332°, 14%, 98%
XYZ	77.8947, 74.1866, 85.8153
YIQ	226.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

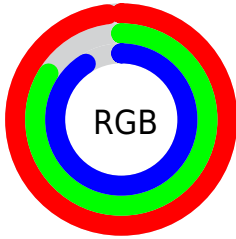
Format	Color
RYB	250, 214, 231
Decimal	16439015
CIELab	89.01, 15.28, -3.69
CIElCh	89, 15.715, 346.423
Yxy	74.1866, 0.3274, 0.3118
Android (android.graphics.Color)	4294629095 (0xFFFAD6E7)
YUV	226.7020, 2.1189, 20.4323
Hunter-Lab	86.1316, 10.6993, 1.2199

Details

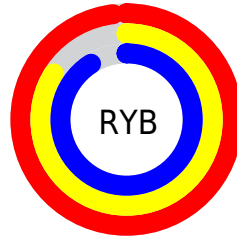
The XYZ color **77.8947, 74.1866, 85.8153** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6280, 88.5525, 90.1485**, and the grayscale version is **72.7759, 76.5659, 83.3803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1283, 39.2289, 45.9090** is the 20% darker color. If you saturate the color by 10%, you get **70.2530, 61.7736, 74.4171**, and if you desaturate by 10%, it is **86.6522, 88.6043, 98.2805**.

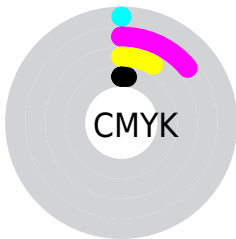
Distribution



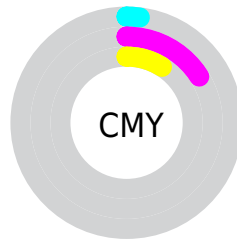
- Red (98%)
- Green (84%)
- Blue (91%)



- Red (98%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8947, 74.1866, 85.8153 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 77.8947, 74.1866, 85.8153 by changing the saturation by 10% instead.

77.8947, 74.1866,
85.8153

77.8947, 74.1866,
85.8153

476.6544,
475.1171, 534.5368

58.2900, 54.9468,
63.9612

129.3678,
125.1603, 143.3960

42.2860, 39.3591,
46.1733

161.9669,
157.6629, 179.9597

29.5174, 27.0392,
32.0329

199.6282,
195.3553, 222.2636

19.6188, 17.6027,
21.1216

242.7170,
238.6219, 270.7265

12.2249, 10.6651,
13.0208

291.5986,
287.8469, 325.7666

6.9703, 5.8421,
7.3120

346.6385,

3.4897, 2.7493,

343.4149, 387.8027

3.5766

408.2020,
405.7102, 457.2532

■ 1.4177, 1.0023,
1.3961

■ 0.2688, 0.0000,
0.1386

■ 77.8947, 74.1866,
85.8153

■ 77.8947, 74.1866,
85.8153

■ 70.2530, 61.7736,
74.4171

■ 86.6522, 88.6043,
98.2805

■ 63.6736, 51.2661,
64.0502

■ 93.2348, 99.0642,
108.8150

■ 58.1077, 42.5708,
54.6835

■ 53.5004, 35.5831,
46.2825

■ 49.7911, 30.1872,
38.8100

■ 46.9117, 26.2529,
32.2257

■ 44.7836, 23.6289,
26.4849

■ 43.3113, 22.1302,
21.5364

■ 42.6973, 21.6332,
19.0777

Harmonies

Analogous

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



75.9676, 74.1866, 96.1600



77.8947, 74.1866, 85.8153



77.7938, 74.1866, 74.9746

Triad

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



77.8947, 74.1866, 85.8153



68.4560, 74.1866, 62.2347



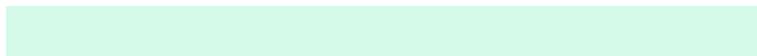
65.5698, 74.1866, 96.9923

Complementary

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



77.8947, 74.1866, 85.8153



76.6280, 88.5525, 90.1485

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.



63.6996, 74.1866, 86.8705



77.8947, 74.1866, 85.8153



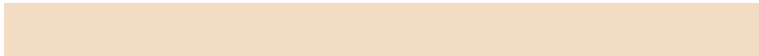
65.3243, 74.1866, 67.1281

Square

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



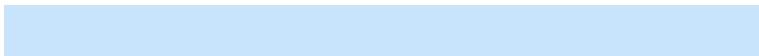
77.8947, 74.1866, 85.8153



72.2502, 74.1866, 62.0077



63.6114, 74.1866, 75.9391



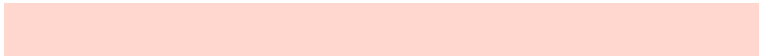
68.8021, 74.1866, 102.9954

Rectangle

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



77.8947, 74.1866, 85.8153



76.5882, 74.1866, 68.9208



63.6114, 74.1866, 75.9391



64.7662, 74.1866, 93.9196

Sweetspot

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



77.8968, 74.1899, 85.8169



91.0271, 93.3219, 103.3424



74.7785, 72.2552, 100.4489



19.3263, 19.7143, 21.9002



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.



77.8968, 74.1899, 85.8169



79.2784, 74.0051, 86.5380



75.7633, 73.5798, 73.8314



17.5858, 17.3617, 19.6745



22.7192, 11.5034, 10.4955



2.1573, 1.0867, 1.2517

Inverse Universe

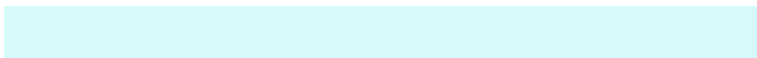
The Inverse Universe completely reimagines the original color for something new.



77.8968, 74.1899, 85.8169



79.2784, 74.0051, 86.5380



78.9886, 89.1989, 103.4975



17.5858, 17.3617, 19.6745



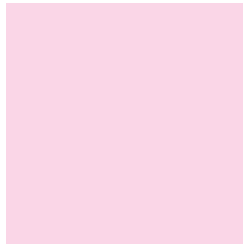
22.7192, 11.5034, 10.4955



2.1573, 1.0867, 1.2517

Previews

White Background



This preview shows how the XYZ color 77.8947, 74.1866, 85.8153 looks on a white background.

Color Contrast Check

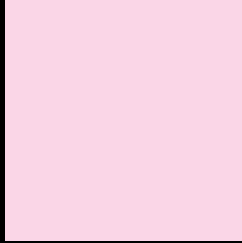
Large Text (above 18pt) WCAG AA × Fail

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 77.8947, 74.1866, 85.8153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

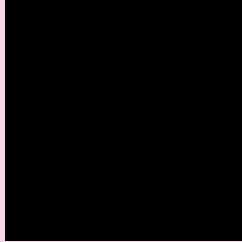
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8947, 74.1866, 85.8153

Background



This preview shows how black text looks on a background with the XYZ color 77.8947, 74.1866, 85.8153.



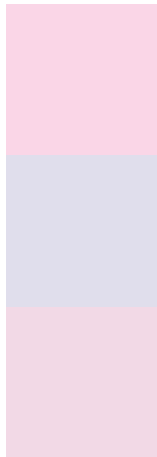
This preview shows how white text looks on a background with the XYZ color 77.8947, 74.1866,

85.8153.

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

77.8947, 74.1866, 85.8153

Protanopia

72.0021, 74.1460, 89.8736

Deuteranopia

75.7137, 74.2161, 85.1975



Tritanopia

77.8947, 74.1866, 85.8153

Trichromacy



Original Color

77.8947, 74.1866, 85.8153

Protanomaly

73.7871, 73.9272, 88.2223

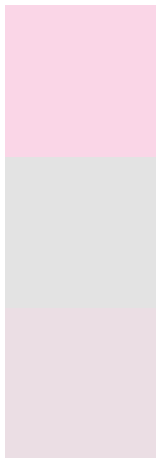
Deuteranomaly

76.4950, 74.2374, 85.1604

Tritanomaly

77.8947, 74.1866, 85.8153

Monochromacy



Original Color

77.8947, 74.1866, 85.8153

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3858, 75.5062, 84.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8947, 74.1866, 85.8153 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(250, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 231)  
}
```

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(250, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.8947, 74.1866, 85.8153 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(250, 214, 231) }
```


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

```
.border{ border-color:rgb(250, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8947, 74.1866, 85.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 231) }
```

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

```
.background{ background-color: rgb(250,  
214, 231) }
```

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