

Converting Colors

XYZ(77.2943, 75.4630, 83.1650)

Have a look what the booklet for
XYZ(77.2943, 75.4630, 83.1650)
contains.

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Color

**XYZ(77.2943, 75.4630,
83.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DAE3
RGB	247, 218, 227
RGB Percent	97%, 85%, 89%
CMY	0.0314, 0.1451, 0.1098
CMYK	0.00, 0.12, 0.08, 0.03
HSL	341°, 64%, 91%
HSV	341°, 12%, 97%
XYZ	77.2943, 75.4630, 83.1650
YIQ	227.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

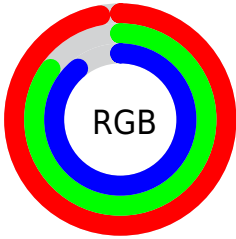
Format	Color
R _Y B	247, 218, 227
Decimal	16243427
CIE Lab	89.61, 11.49, -0.73
CIE LCh	90, 11.512, 356.341
Yxy	75.4630, 0.3276, 0.3199
Android (android.graphics.Color)	4294433507 (0xFFF7DAE3)
YUV	227.6970, -0.3436, 16.9287
Hunter-Lab	86.8694, 6.8034, 4.0470

Details

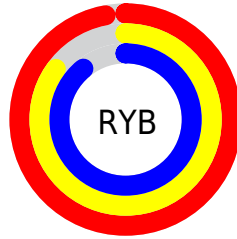
The XYZ color **77.2943, 75.4630, 83.1650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6097, 87.6020, 93.7116**, and the grayscale version is **73.5183, 77.3470, 84.2309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0294, 40.2493, 44.5834** is the 20% darker color. If you saturate the color by 10%, you get **69.1242, 62.7010, 69.4088**, and if you desaturate by 10%, it is **86.6558, 90.2337, 98.4682**.

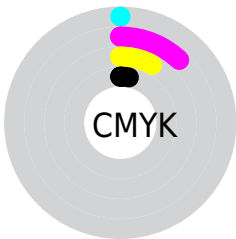
Distribution



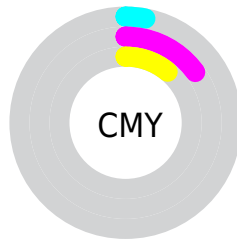
- Red (97%)
- Green (85%)
- Blue (89%)



- Red (97%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.2943, 75.4630, 83.1650 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 77.2943, 75.4630, 83.1650 by changing the saturation by 10% instead.

 77.2943, 75.4630,
83.1650

 77.2943, 75.4630,
83.1650


474.6434,
479.5075, 525.5217

 57.7952, 55.9923,
61.7849


128.5255,
126.9675, 139.6578

 41.8867, 40.1967,
44.4242


160.9883,
159.7702, 175.6076

 29.2033, 27.6920,
30.6645


198.5030,
197.7855, 217.2510

 19.3797, 18.0936,
20.0872

241.4351,
241.3980, 265.0067

 12.0506, 11.0172,
12.2737

290.1498,
290.9921, 319.2930

 6.8506, 6.0784,
6.8056

345.0125,

 3.4143, 2.8928,

346.9521, 380.5286

3.2642

406.3886,
409.6624, 449.1319

■ 1.3765, 1.0760,
1.2311

■ 0.2394, 0.0000,
0.0043

■ 77.2943, 75.4630,
83.1650

■ 77.2943, 75.4630,
83.1650

■ 69.1242, 62.7010,
69.4088

■ 86.6558, 90.2337,
98.4682

■ 62.0904, 51.8508,
57.1453

■ 92.1682, 98.5144,
108.7651

■ 56.1428, 42.8225,
46.3240

■ 51.2248, 35.5151,
36.8895

■ 47.2747, 29.8174,
28.7826

■ 44.2238, 25.6054,
21.9397

■ 41.9937, 22.7364,
16.2908

■ 40.4912, 21.0393,
11.7579

■ 39.6848, 20.3050,
8.7807

Harmonies

Analogous

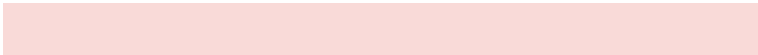
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3509, 75.4630, 91.1106



77.2943, 75.4630, 83.1650



76.7135, 75.4630, 75.4433

Triad

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



77.2943, 75.4630, 83.1650



69.3377, 75.4630, 68.9760



68.7513, 75.4630, 95.8333

Complementary

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



77.2943, 75.4630, 83.1650



77.6097, 87.6020, 93.7116

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.



66.9582, 75.4630, 89.2775



77.2943, 75.4630, 83.1650



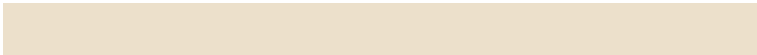
67.2905, 75.4630, 73.8275

Square

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



77.2943, 75.4630, 83.1650



72.0732, 75.4630, 67.5738



66.4305, 75.4630, 81.1758



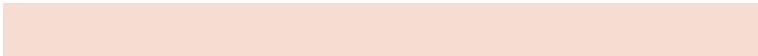
71.3786, 75.4630, 98.7217

Rectangle

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



77.2943, 75.4630, 83.1650



75.5482, 75.4630, 71.3991



66.4305, 75.4630, 81.1758



68.0337, 75.4630, 93.9652

Sweetspot

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



77.2964, 75.4663, 83.1666



90.7697, 93.2190, 101.9870



77.0609, 75.0072, 98.4130



19.2612, 19.6883, 21.5577



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

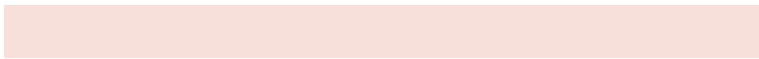
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2964, 75.4663, 83.1666



80.9856, 77.8140, 85.8911



77.4875, 77.7840, 77.2634



16.7108, 16.5672, 18.2239



21.0436, 10.7609, 4.9379



1.8937, 0.9635, 0.6669

Inverse Universe

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



77.2964, 75.4663, 83.1666



80.9856, 77.8140, 85.8911



77.3624, 84.9389, 100.3141



16.7108, 16.5672, 18.2239



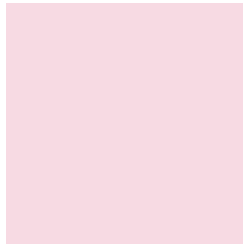
21.0436, 10.7609, 4.9379



1.8937, 0.9635, 0.6669

Previews

White Background



This preview shows how the XYZ color 77.2943, 75.4630, 83.1650 looks on a white background.

Color Contrast Check

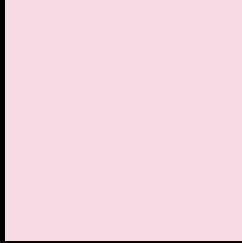
Large Text (above 18pt) WCAG AA × Fail

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 77.2943, 75.4630, 83.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

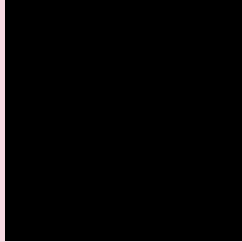
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2943, 75.4630, 83.1650

Background



This preview shows how black text looks on a background with the XYZ color 77.2943, 75.4630, 83.1650.



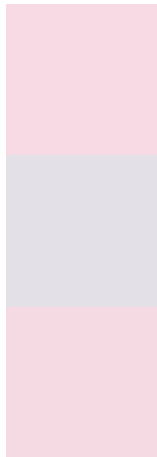
This preview shows how white text looks on a background with the XYZ color 77.2943, 75.4630,

83.1650.

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

77.2943, 75.4630, 83.1650

Protanopia

73.0744, 75.5748, 86.3373

Deuteranopia

76.9426, 75.2817, 83.1486



Tritanopia

78.3755, 75.5227, 88.2884

Trichromacy



Original Color

77.2943, 75.4630, 83.1650

Protanomaly

74.6652, 75.6179, 85.5233

Deuteranomaly

76.9426, 75.2817, 83.1486

Tritanomaly

77.9481, 75.3517, 86.0373

Monochromacy



Original Color

77.2943, 75.4630, 83.1650

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9202, 76.5749, 84.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2943, 75.4630, 83.1650 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(247, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 227)  
}
```

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(247, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.2943, 75.4630, 83.1650 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(247, 218, 227) }
```


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

```
.border{ border-color:rgb(247, 218, 227) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2943, 75.4630, 83.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 227) }
```

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

```
.background{ background-color: rgb(247,  
218, 227) }
```

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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