

Converting Colors

XYZ(77.6929, 76.0386, 83.9809)

Have a look what the booklet for
XYZ(77.6929, 76.0386, 83.9809)
contains.

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Color

**XYZ(77.6929, 76.0386,
83.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE4
RGB	247, 219, 228
RGB Percent	97%, 86%, 89%
CMY	0.0314, 0.1412, 0.1059
CMYK	0.00, 0.11, 0.08, 0.03
HSL	341°, 64%, 91%
HSV	341°, 11%, 97%
XYZ	77.6929, 76.0386, 83.9809
YIQ	228.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

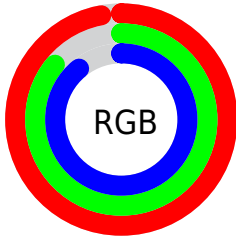
Format	Color
R _Y B	247, 219, 228
Decimal	16243684
CIE Lab	89.88, 11.14, -0.87
CIE LCh	90, 11.169, 355.539
Yxy	76.0386, 0.3268, 0.3199
Android (android.graphics.Color)	4294433764 (0xFFFF7DBE4)
YUV	228.3980, -0.1962, 16.3140
Hunter-Lab	87.2001, 6.4384, 3.9389

Details

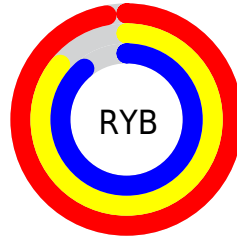
The XYZ color **77.6929, 76.0386, 83.9809** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9097, 87.7567, 93.7256**, and the grayscale version is **74.0303, 77.8856, 84.8175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3041, 40.6444, 45.1507** is the 20% darker color. If you saturate the color by 10%, you get **69.5059, 63.2093, 70.3221**, and if you desaturate by 10%, it is **87.0660, 90.8771, 99.1502**.

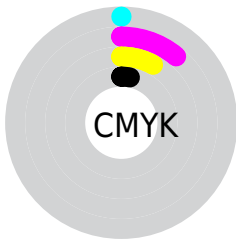
Distribution



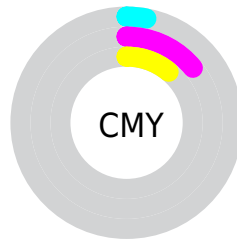
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6929, 76.0386, 83.9809 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 77.6929, 76.0386, 83.9809 by changing the saturation by 10% instead.


 77.6929, 76.0386,
83.9809

 77.6929, 76.0386,
83.9809

475.9790,
481.4798, 528.3062

 58.1236, 56.4642,
62.4544


129.0848,
127.7815, 140.8099

 42.1517, 40.5752,
44.9618


161.6381,
160.7187, 176.9495

 29.4117, 27.9873,
31.0846


199.2502,
198.8790, 218.7972

 19.5384, 18.3161,
20.4043

242.2863,
242.6467, 266.7716

 12.1662, 11.1772,
12.5023

291.1120,
292.4062, 321.2911

 6.9300, 6.1861,
6.9600

346.0924,

 3.4643, 2.9586,

348.5420, 382.7744

3.3590

407.5929,
411.4384, 451.6399

■ 1.4038, 1.1101,
1.2808

■ 0.2589, 0.0000,
0.0459

■ 77.6929, 76.0386,
83.9809

■ 77.6929, 76.0386,
83.9809

■ 69.5059, 63.2093,
70.3221

■ 87.0660, 90.8771,
99.1502

■ 62.4502, 52.2926,
58.1212

■ 92.1682, 98.5144,
108.7651

■ 56.4761, 43.1991,
47.3296

■ 51.5279, 35.8282,
37.8942

■ 47.5443, 30.0694,
29.7581

■ 44.4574, 25.7994,
22.8599

■ 42.1898, 22.8768,
17.1327

■ 40.6496, 21.1320,
12.5016

■ 39.7830, 20.3443,
9.2978

Harmonies

Analogous

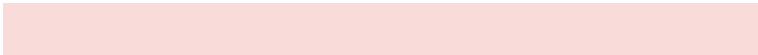
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7365, 76.0386, 91.6936



77.6929, 76.0386, 83.9809



77.1669, 76.0386, 76.4126

Triad

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



77.6929, 76.0386, 83.9809



70.0088, 76.0386, 69.8238



69.3111, 76.0386, 95.9661

Complementary

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



77.6929, 76.0386, 83.9809



77.9097, 87.7567, 93.7256

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.



67.5894, 76.0386, 89.5193



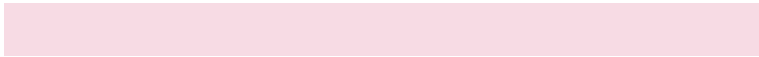
77.6929, 76.0386, 83.9809



67.9849, 76.0386, 74.4880

Square

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



77.6929, 76.0386, 83.9809



72.6860, 76.0386, 68.5474



67.1101, 76.0386, 81.6166



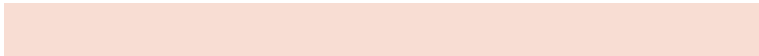
71.8604, 76.0386, 98.8873

Rectangle

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



77.6929, 76.0386, 83.9809



76.0533, 76.0386, 72.4133



67.1101, 76.0386, 81.6166



68.6190, 76.0386, 94.1203

Sweetspot

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



77.6951, 76.0419, 83.9825



91.8331, 94.8859, 103.7595



77.2707, 75.5015, 98.4974



19.4764, 20.0242, 21.9202



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

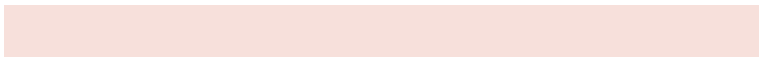
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6951, 76.0419, 83.9825



81.0414, 77.8363, 86.1848



77.7127, 78.0242, 77.9861



16.7186, 16.5703, 18.2646



21.0969, 10.7822, 5.2187



1.8992, 0.9656, 0.6955

Inverse Universe

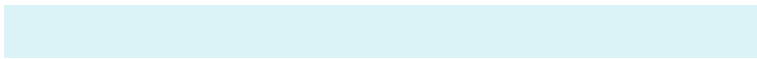
The Inverse Universe completely reimagines the original color for something new.



77.6951, 76.0419, 83.9825



81.0414, 77.8363, 86.1848



77.8559, 85.4805, 100.3927



16.7186, 16.5703, 18.2646



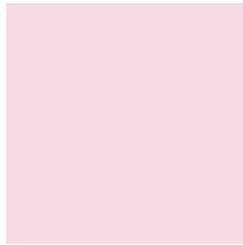
21.0969, 10.7822, 5.2187



1.8992, 0.9656, 0.6955

Previews

White Background



This preview shows how the XYZ color 77.6929, 76.0386, 83.9809 looks on a white background.

Color Contrast Check

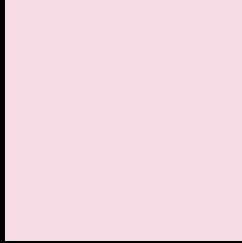
Large Text (above 18pt) WCAG AA × Fail

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 77.6929, 76.0386, 83.9809 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 77.6929, 76.0386, 83.9809

Background



This preview shows how black text looks on a background with the XYZ color 77.6929, 76.0386, 83.9809.

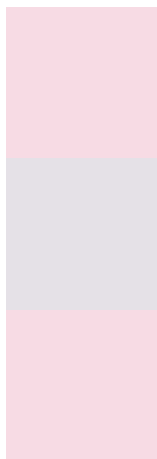


This preview shows how white text looks on a background with the XYZ color 77.6929, 76.0386,

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

77.6929, 76.0386, 83.9809

Protanopia

73.6621, 76.2780, 86.4420

Deuteranopia

77.6929, 76.0386, 83.9809



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

77.6929, 76.0386, 83.9809

Protanomaly

75.2627, 76.3214, 85.6276

Deuteranomaly

77.6929, 76.0386, 83.9809

Tritanomaly

78.3483, 75.9255, 86.8696

Monochromacy



Original Color

77.6929, 76.0386, 83.9809

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1898, 77.1140, 84.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6929, 76.0386, 83.9809 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, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 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(247, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.6929, 76.0386, 83.9809 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, 219, 228) }
```


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

```
.border{ border-color:rgb(247, 219, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 228);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6929, 76.0386, 83.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 228) }
```

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

```
.background{ background-color: rgb(247,  
219, 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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