

Converting Colors

XYZ(77.9258, 76.0106, 90.6851)

Have a look what the booklet for
XYZ(77.9258, 76.0106, 90.6851)
contains.

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Color

**XYZ(77.9258, 76.0106,
90.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DBED
RGB	244, 219, 237
RGB Percent	96%, 86%, 93%
CMY	0.0431, 0.1412, 0.0706
CMYK	0.00, 0.10, 0.03, 0.04
HSL	317°, 53%, 91%
HSV	317°, 10%, 96%
XYZ	77.9258, 76.0106, 90.6851
YIQ	228.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

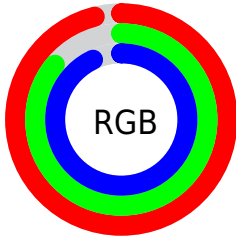
Format	Color
RYB	244, 219, 237
Decimal	16047085
CIELab	89.86, 11.66, -5.65
CIElCh	90, 12.954, 334.153
Yxy	76.0106, 0.3186, 0.3107
Android (android.graphics.Color)	4294237165 (0xFFF4DBED)
YUV	228.5270, 4.1772, 13.5698
Hunter-Lab	87.1841, 6.9726, -0.6421

Details

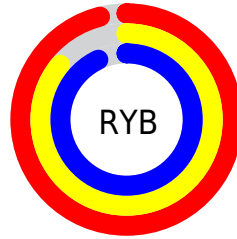
The XYZ color **77.9258, 76.0106, 90.6851** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2945, 85.2545, 84.4430**, and the grayscale version is **74.0963, 77.9551, 84.8931**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3550, 40.5785, 49.3161** is the 20% darker color. If you saturate the color by 10%, you get **71.0421, 63.8097, 83.5590**, and if you desaturate by 10%, it is **85.7849, 90.0994, 98.3259**.

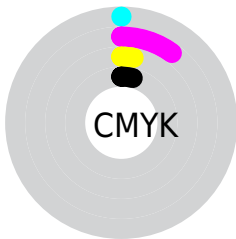
Distribution



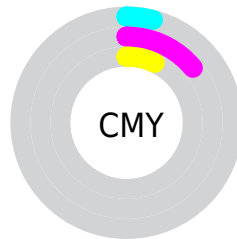
- Red (96%)
- Green (86%)
- Blue (93%)



- Red (96%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9258, 76.0106, 90.6851 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 77.9258, 76.0106, 90.6851 by changing the saturation by 10% instead.

77.9258, 76.0106,
90.6851

77.9258, 76.0106,
90.6851

476.7585,
481.3840, 550.8844

58.3156, 56.4412,
67.9721

129.4114,
127.7419, 150.2335

42.3067, 40.5568,
49.4085

162.0176,
160.6726, 187.9059

29.5337, 27.9729,
34.5757

199.6864,
198.8258, 231.4020

19.6312, 18.3052,
23.0553

242.7833,
242.5860, 281.1401

12.2339, 11.1694,
14.4287

291.6736,
292.3375, 337.5389

6.9765, 6.1809,
8.2773

346.7227,

3.4936, 2.9554,

348.4647, 401.0168

4.1826

408.2958,
411.3521, 471.9925

■ 1.4199, 1.1085,
1.7260

■ 0.2703, 0.0000,
0.3785

■ 77.9258, 76.0106,
90.6851

■ 77.9258, 76.0106,
90.6851

■ 71.0421, 63.8097,
83.5590

■ 85.7849, 90.0994,
98.3259

■ 65.0865, 53.4057,
76.9270

■ 90.4290, 97.6974,
105.0839

■ 60.0173, 44.7150,
70.7740

■ 91.1187, 97.9733,
108.7160

■ 55.7870, 37.6434,
65.0821

■ 52.3437, 32.0876,
59.8318

■ 49.6294, 27.9323,
55.0015

■ 47.5777, 25.0455,
50.5669

■ 46.1096, 23.2699,
46.4994

■ 45.1125, 22.3548,
42.8401

Harmonies

Analogous

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



75.7554, 76.0106, 98.2182



77.9258, 76.0106, 90.6851



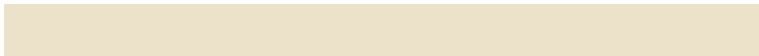
78.5579, 76.0106, 81.4930

Triad

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



77.9258, 76.0106, 90.6851



71.8011, 76.0106, 66.4023



67.2727, 76.0106, 93.0547

Complementary

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



77.9258, 76.0106, 90.6851



75.2945, 85.2545, 84.4430

Split Complementary

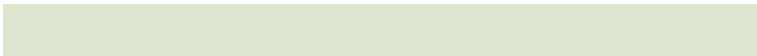
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2812, 76.0106, 84.0454



77.9258, 76.0106, 90.6851



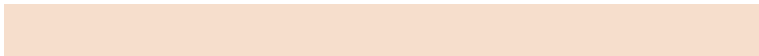
68.8463, 76.0106, 69.0200

Square

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



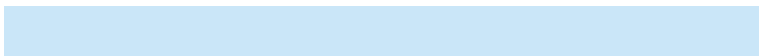
77.9258, 76.0106, 90.6851



74.9616, 76.0106, 67.8955



66.8487, 76.0106, 75.3155



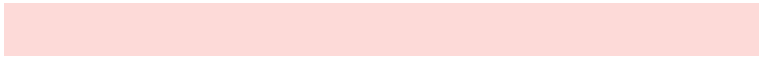
69.5964, 76.0106, 99.6556

Rectangle

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



77.9258, 76.0106, 90.6851



78.0067, 76.0106, 75.7598



66.8487, 76.0106, 75.3155



66.7758, 76.0106, 90.1842

Sweetspot

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



77.9280, 76.0139, 90.6867



92.3148, 95.0786, 106.2961



72.9234, 73.3135, 95.8965



19.6063, 20.0762, 22.6047



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

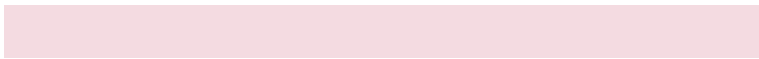
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9280, 76.0139, 90.6867



84.7040, 81.4669, 98.7959



76.2103, 75.3268, 81.6412



17.0041, 16.6845, 19.7682



24.5906, 12.1797, 23.6161



2.2049, 1.0879, 2.3055

Inverse Universe

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



77.9280, 76.0139, 90.6867



84.7040, 81.4669, 98.7959



77.0237, 85.9461, 93.5489



17.0041, 16.6845, 19.7682



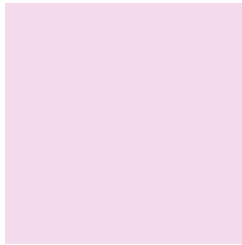
24.5906, 12.1797, 23.6161



2.2049, 1.0879, 2.3055

Previews

White Background



This preview shows how the XYZ color 77.9258, 76.0106, 90.6851 looks on a white background.

Color Contrast Check

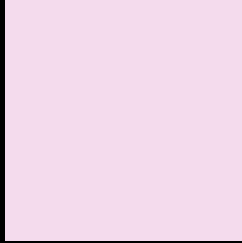
Large Text (above 18pt) WCAG AA × Fail

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 77.9258, 76.0106, 90.6851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

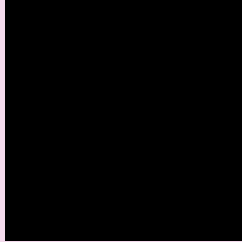
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9258, 76.0106, 90.6851

Background



This preview shows how black text looks on a background with the XYZ color 77.9258, 76.0106, 90.6851.



This preview shows how white text looks on a background with the XYZ color 77.9258, 76.0106,

90.6851.

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

77.9258, 76.0106, 90.6851

Protanopia

74.0174, 76.3104, 93.2663

Deuteranopia

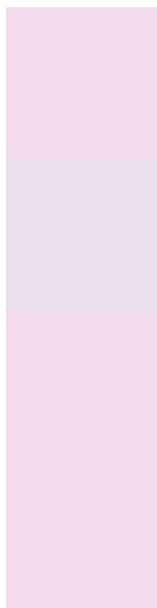
77.5797, 75.8321, 90.6689



Tritanopia

77.7801, 75.9523, 89.9177

Trichromacy



Original Color

77.9258, 76.0106, 90.6851

Protanomaly

75.5719, 76.3310, 92.4116

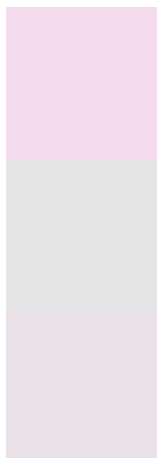
Deuteranomaly

77.5797, 75.8321, 90.6689

Tritanomaly

77.7801, 75.9523, 89.9177

Monochromacy



Original Color

77.9258, 76.0106, 90.6851

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4224, 77.1690, 87.2639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9258, 76.0106, 90.6851 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(244, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 237)  
}
```

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(244, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.9258, 76.0106, 90.6851 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(244, 219, 237) }
```


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

```
.border{ border-color:rgb(244, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9258, 76.0106, 90.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 237) }
```

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

```
.background{ background-color: rgb(244,  
219, 237) }
```

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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