

Converting Colors

XYZ(77.9349, 77.8676, 85.0954)

Have a look what the booklet for
XYZ(77.9349, 77.8676, 85.0954)
contains.

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Color

**XYZ(77.8388, 77.6656,
85.0172)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F4DFE5 |
| RGB | 244, 223, 229 |
| RGB Percent | 96%, 87%, 90% |
| CMY | 0.0431, 0.1255, 0.1020 |
| CMYK | 0.00, 0.09, 0.06, 0.04 |
| HSL | 343°, 49%, 92% |
| HSV | 343°, 9%, 96% |
| XYZ | 77.8388, 77.6656, 85.0172 |
| YIQ | 229.9630, 10.5900, 6.3180 |

Conversions

Conversions Part 2

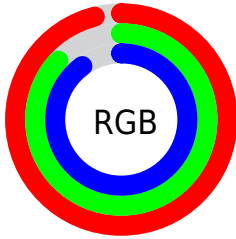
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 223, 229 |
| Decimal | 16048101 |
| CIE Lab | 90.63, 8.20, -0.33 |
| CIE LCh | 91, 8.202, 357.713 |
| Yxy | 77.6656, 0.3236, 0.3229 |
| Android (android.graphics.Color) | 4294238181 (0xFFFF4DFE5) |
| YUV | 229.9630, -0.4748, 12.3104 |
| Hunter-Lab | 88.1281, 3.4353, 4.4926 |

Details

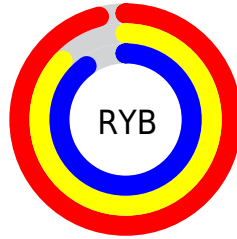
The XYZ color **77.8388, 77.6656, 85.0172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2177, 86.5645, 93.4793**, and the grayscale version is **75.1862, 79.1018, 86.1418**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3817, 41.7526, 45.8697** is the 20% darker color. If you saturate the color by 10%, you get **69.4709, 64.6307, 70.8165**, and if you desaturate by 10%, it is **87.3949, 92.6839, 100.8217**.

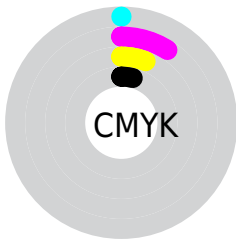
Distribution



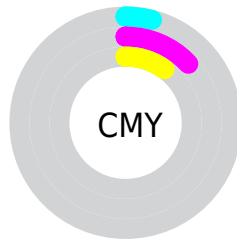
- Red (96%)
- Green (87%)
- Blue (90%)



- Red (96%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (4%)




- Cyan (4%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8388, 77.6656, 85.0172 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 77.8388, 77.6656, 85.0172 by changing the saturation by 10% instead.


 77.8388, 77.6656,
85.0172

 77.8388, 77.6656,
85.0172


476.4674,
487.0304, 531.8311

 58.2439, 57.7993,
63.3054

129.2894,
130.0786, 142.2716

 42.2488, 41.6473,
45.6457

161.8759,
163.3941, 178.6512

 29.4881, 28.8252,
31.6197


199.5235,
201.9615, 220.7572

 19.5965, 18.9487,
20.8088

242.5977,
246.1652, 269.0080

 12.2086, 11.6332,
12.7944

291.4638,
296.3895, 323.8223

 6.9591, 6.4944,
7.1581

346.4873,

 3.4827, 3.1480,

353.0189, 385.6185

3.4812

408.0333,
416.4377, 454.8153

■ 1.4138, 1.2095,
1.3453

■ 0.2661, 0.0694,
0.0985

■ 77.8388, 77.6656,
85.0172

■ 77.8388, 77.6656,
85.0172

■ 69.4709, 64.6307,
70.8165

■ 87.3949, 92.6839,
100.8217

■ 62.2375, 53.4861,
58.1635

■ 91.1187, 97.9733,
108.7160

■ 56.0905, 44.1465,
47.0061

■ 50.9755, 36.5161,
37.2871

■ 46.8335, 30.4899,
28.9456

■ 43.5991, 25.9516,
21.9160

■ 41.1985, 22.7687,
16.1271

■ 39.5455, 20.7851,
11.4993

■ 38.5191, 19.7766,
7.9374

Harmonies

Analogous

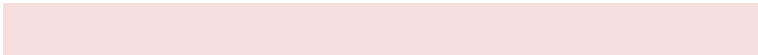
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2107, 77.6656, 90.7561



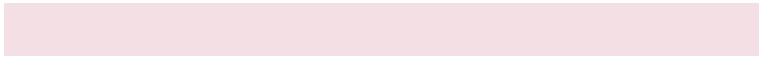
77.8388, 77.6656, 85.0172



77.3733, 77.6656, 79.4093

Triad

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



77.8388, 77.6656, 85.0172



71.9961, 77.6656, 74.9346



71.7277, 77.6656, 94.4990

Complementary

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



77.8388, 77.6656, 85.0172



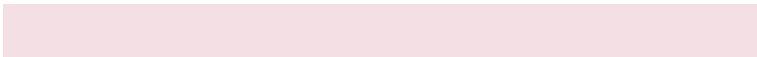
78.2177, 86.5645, 93.4793

Split Complementary

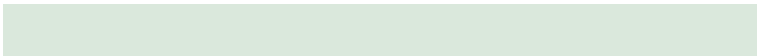
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3749, 77.6656, 89.9384



77.8388, 77.6656, 85.0172



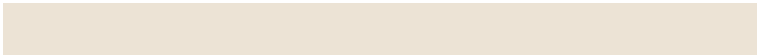
70.5278, 77.6656, 78.6613

Square

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



77.8388, 77.6656, 85.0172



73.9767, 77.6656, 73.7513



69.9397, 77.6656, 84.1137



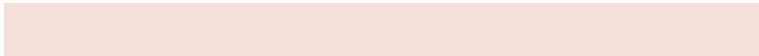
73.6612, 77.6656, 96.3864

Rectangle

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



77.8388, 77.6656, 85.0172



76.5102, 77.6656, 76.4644



69.9397, 77.6656, 84.1137



71.1913, 77.6656, 93.2177

Sweetspot

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



77.8410, 77.6690, 85.0189



91.7903, 94.8688, 103.5340



77.8787, 77.4359, 96.4310



19.4648, 20.0196, 21.8595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

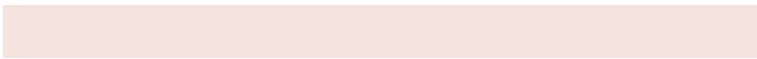
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8410, 77.6690, 85.0189



84.6521, 83.6774, 91.6437



78.1539, 79.6117, 81.0635



16.6937, 16.5603, 18.1336



20.9325, 10.7164, 4.3527



1.8822, 0.9588, 0.6059

Inverse Universe

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



77.8410, 77.6690, 85.0189



84.6521, 83.6774, 91.6437



77.8644, 84.4244, 97.7807



16.6937, 16.5603, 18.1336



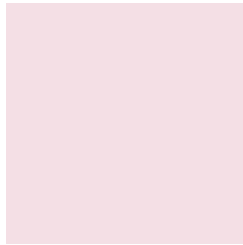
20.9325, 10.7164, 4.3527



1.8822, 0.9588, 0.6059

Previews

White Background



This preview shows how the XYZ color 77.8388, 77.6656, 85.0172 looks on a white background.

Color Contrast Check

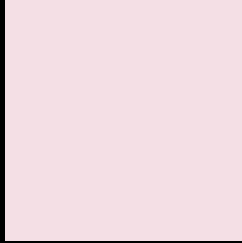
Large Text (above 18pt) WCAG AA × Fail

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 77.8388, 77.6656, 85.0172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

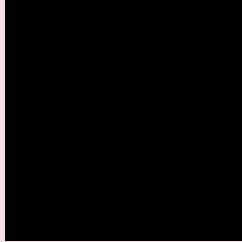
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8388, 77.6656, 85.0172

Background



This preview shows how black text looks on a background with the XYZ color 77.8388, 77.6656, 85.0172.



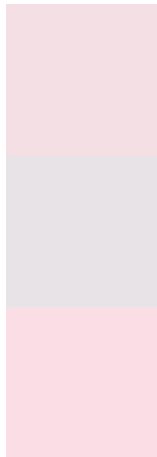
This preview shows how white text looks on a background with the XYZ color 77.8388, 77.6656,

85.0172.

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

77.8388, 77.6656, 85.0172

Protanopia

74.8479, 77.6966, 86.6533

Deuteranopia

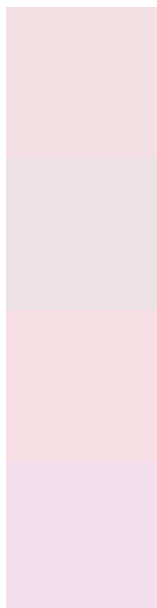
79.4236, 77.6940, 84.9391



Tritanopia

79.0926, 77.3574, 92.4242

Trichromacy



Original Color

77.8388, 77.6656, 85.0172

Protanomaly

76.0714, 77.9388, 85.8972

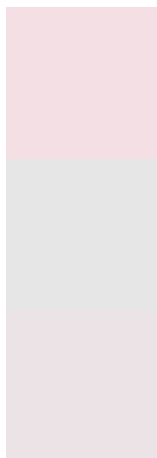
Deuteranomaly

78.9755, 77.8562, 84.9940

Tritanomaly

78.7729, 77.6532, 89.4340

Monochromacy



Original Color

77.8388, 77.6656, 85.0172

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.0130, 78.3135, 85.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8388, 77.6656, 85.0172 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, 223, 229) looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 229)  
}
```

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, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.8388, 77.6656, 85.0172 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, 223, 229) }
```


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

```
.border{ border-color:rgb(244, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8388, 77.6656, 85.0172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 229) }
```

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

```
.background{ background-color: rgb(244,  
223, 229) }
```

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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