

Converting Colors

XYZ(77.6897, 75.5535, 88.3819)

Have a look what the booklet for
XYZ(77.6897, 75.5535, 88.3819)
contains.

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Color

**XYZ(77.5789, 75.4958,
88.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAEA
RGB	245, 218, 234
RGB Percent	96%, 85%, 92%
CMY	0.0392, 0.1451, 0.0823
CMYK	0.00, 0.11, 0.04, 0.04
HSL	324°, 57%, 91%
HSV	324°, 11%, 96%
XYZ	77.5789, 75.4958, 88.3252
YIQ	227.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

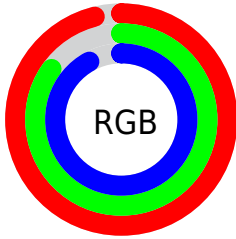
Format	Color
R _Y B	245, 218, 234
Decimal	16112362
CIE Lab	89.62, 12.00, -4.41
CIE LCh	90, 12.781, 339.798
Yxy	75.4958, 0.3214, 0.3127
Android (android.graphics.Color)	4294302442 (0xFFF5DAEA)
YUV	227.8970, 3.0088, 14.9993
Hunter-Lab	86.8883, 7.3205, 0.5513

Details

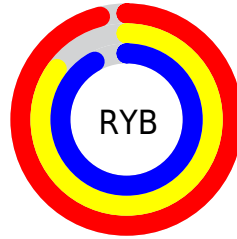
The XYZ color **77.5789, 75.4958, 88.3252** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7116, 85.8695, 86.7169**, and the grayscale version is **73.6425, 77.4776, 84.3731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1193, 40.2276, 47.6642** is the 20% darker color. If you saturate the color by 10%, you get **70.2957, 63.1594, 79.0201**, and if you desaturate by 10%, it is **85.8864, 89.7493, 98.3723**.

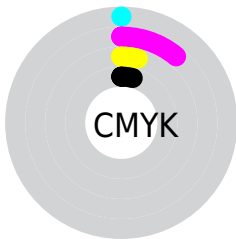
Distribution



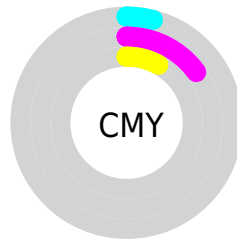
- Red (96%)
- Green (85%)
- Blue (92%)



- Red (96%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5789, 75.4958, 88.3252 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 77.5789, 75.4958, 88.3252 by changing the saturation by 10% instead.


 77.5789, 75.4958,
88.3252

 77.5789, 75.4958,
88.3252


475.5973,
479.6200, 542.9965

 58.0297, 56.0192,
66.0266


128.9248,
127.0139, 146.9249

 42.0759, 40.2183,
47.8373


161.4523,
159.8242, 184.0631

 29.3521, 27.7088,
33.3390


199.0366,
197.8479, 226.9849

 19.4929, 18.1062,
22.1130

242.0430,
241.4692, 276.1088

 12.1331, 11.0263,
13.7409

290.8369,
291.0727, 331.8533

 6.9072, 6.0845,
7.8040

345.7837,

 3.4500, 2.8965,

347.0428, 394.6371

3.8838

407.2487,
409.7637, 464.8787

■ 1.3959, 1.0780,
1.5618

■ 0.2533, 0.0000,
0.2634

■ 77.5789, 75.4958,
88.3252

■ 77.5789, 75.4958,
88.3252

■ 70.2957, 63.1594,
79.0201

■ 85.8864, 89.7493,
98.3723

■ 63.9878, 52.6475,
70.4314

■ 91.3009, 98.0864,
107.8593

■ 58.6120, 43.8748,
62.5390

■ 91.4667, 98.1527,
108.7323

■ 54.1191, 36.7451,
55.3197

■ 50.4553, 31.1527,
48.7484

■ 47.5603, 26.9798,
42.7979

■ 45.3652, 24.0911,
37.4377

■ 43.7878, 22.3244,
32.6327

■ 42.7807, 21.4623,
28.7449

Harmonies

Analogous

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



75.6947, 75.4958, 96.2300



77.5789, 75.4958, 88.3252



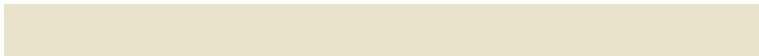
77.8781, 75.4958, 79.2918

Triad

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



77.5789, 75.4958, 88.3252



70.7330, 75.4958, 66.2989



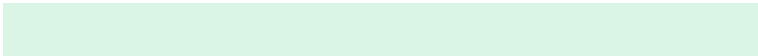
67.2127, 75.4958, 93.7857

Complementary

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



77.5789, 75.4958, 88.3252



75.7116, 85.8695, 86.7169

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.



65.9644, 75.4958, 85.1827



77.5789, 75.4958, 88.3252



67.9573, 75.4958, 69.6084

Square

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



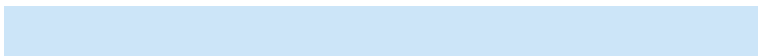
77.5789, 75.4958, 88.3252



73.8638, 75.4958, 67.0053



66.2329, 75.4958, 76.3687



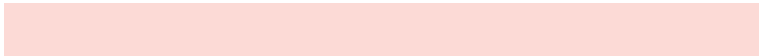
69.6896, 75.4958, 99.5387

Rectangle

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



77.5789, 75.4958, 88.3252



77.1297, 75.4958, 73.8975



66.2329, 75.4958, 76.3687



66.6388, 75.4958, 91.1066

Sweetspot

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



77.5811, 75.4991, 88.3268



92.1600, 95.0167, 105.4808



73.8051, 73.3642, 96.6581



19.5645, 20.0595, 22.3844



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.



77.5811, 75.4991, 88.3268



83.2723, 79.8032, 94.6198



75.7415, 74.7633, 78.6397



16.9112, 16.6473, 19.2790



23.1170, 11.5902, 15.8562



2.0827, 1.0390, 1.6616

Inverse Universe

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



77.5811, 75.4991, 88.3268



83.2723, 79.8032, 94.6198



77.6404, 86.6410, 96.8736



16.9112, 16.6473, 19.2790



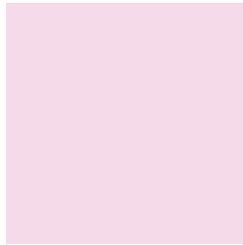
23.1170, 11.5902, 15.8562



2.0827, 1.0390, 1.6616

Previews

White Background



This preview shows how the XYZ color 77.5789, 75.4958, 88.3252 looks on a white background.

Color Contrast Check

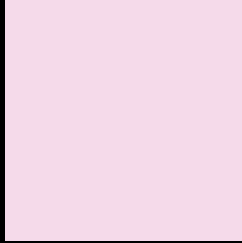
Large Text (above 18pt) WCAG AA × Fail

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 77.5789, 75.4958, 88.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

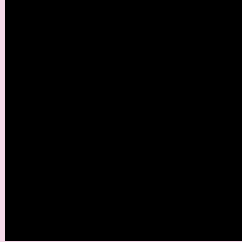
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5789, 75.4958, 88.3252

Background



This preview shows how black text looks on a background with the XYZ color 77.5789, 75.4958, 88.3252.

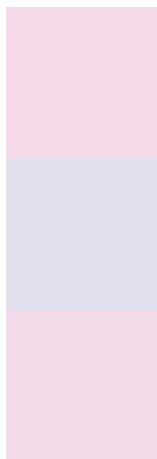


This preview shows how white text looks on a background with the XYZ color 77.5789, 75.4958,

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

77.5789, 75.4958, 88.3252

Protanopia

73.4523, 75.6531, 91.6201

Deuteranopia

77.1449, 75.6582, 88.3794



Tritanopia

77.7230, 75.5534, 89.0841

Trichromacy



Original Color

77.5789, 75.4958, 88.3252

Protanomaly

75.0116, 75.6806, 90.7750

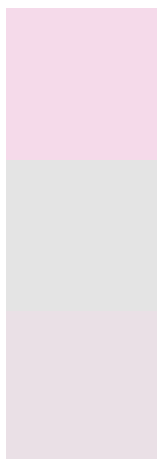
Deuteranomaly

77.4910, 75.8366, 88.3956

Tritanomaly

77.7230, 75.5534, 89.0841

Monochromacy



Original Color

77.5789, 75.4958, 88.3252

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.8703, 76.5169, 85.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5789, 75.4958, 88.3252 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(245, 218, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 234)  
}
```

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(245, 218, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 234) }
```

Border

The CSS property to change the border of an element to XYZ 77.5789, 75.4958, 88.3252 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(245, 218, 234) }
```


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

```
.border{ border-color:rgb(245, 218, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5789, 75.4958, 88.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 234) }
```

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

```
.background{ background-color: rgb(245,  
218, 234) }
```

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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