

Converting Colors

XYZ(78.5413, 78.4164, 85.5669)

Have a look what the booklet for
XYZ(78.5413, 78.4164, 85.5669)
contains.

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Color

**XYZ(78.5948, 78.4370,
85.8604)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0E6
RGB	245, 224, 230
RGB Percent	96%, 88%, 90%
CMY	0.0392, 0.1215, 0.0980
CMYK	0.00, 0.09, 0.06, 0.04
HSL	343°, 51%, 92%
HSV	343°, 9%, 96%
XYZ	78.5948, 78.4370, 85.8604
YIQ	230.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

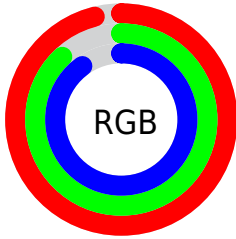
Format	Color
R _Y B	245, 224, 230
Decimal	16113894
CIE Lab	90.98, 8.19, -0.33
CIE LCh	91, 8.195, 357.709
Yxy	78.4370, 0.3236, 0.3229
Android (android.graphics.Color)	4294303974 (0xFF5E0E6)
YUV	230.9630, -0.4748, 12.3104
Hunter-Lab	88.5647, 3.4178, 4.5156

Details

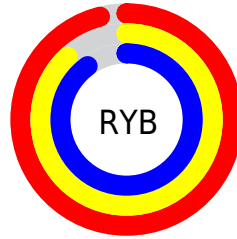
The XYZ color **78.5948, 78.4370, 85.8604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9759, 87.3862, 94.3704**, and the grayscale version is **75.9280, 79.8821, 86.9916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9121, 42.2899, 46.4585** is the 20% darker color. If you saturate the color by 10%, you get **70.1432, 65.2713, 71.5189**, and if you desaturate by 10%, it is **88.2464, 93.6057, 101.8216**.

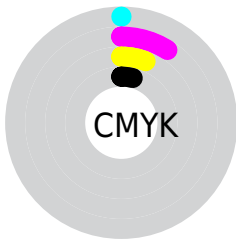
Distribution



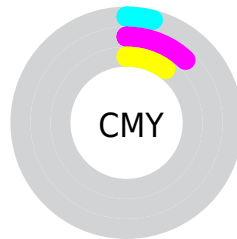
- Red (96%)
- Green (88%)
- Blue (90%)



- Red (96%)
- Yellow (88%)
- Blue (90%)



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





- Cyan (4%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5948, 78.4370, 85.8604 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 78.5948, 78.4370, 85.8604 by changing the saturation by 10% instead.


 78.5948, 78.4370,
85.8604

 78.5948, 78.4370,
85.8604


478.9935,
489.6497, 534.6894

 58.8672, 58.4330,
63.9983


130.3492,
131.1660, 143.4595

 42.7522, 42.1569,
46.2031


163.1067,
164.6598, 180.0336

 29.8844, 29.2242,
32.0563


200.9382,
203.4190, 222.3487

 19.8985, 19.2505,
21.1393

244.2091,
247.8279, 270.8235

 12.4291, 11.8514,
13.0337

293.2847,
298.2711, 325.8764

 7.1109, 6.6426,
7.3207

348.5304,

 3.5785, 3.2396,

355.1328, 387.9260

3.5820

410.3115,
418.7976, 457.3908

■ 1.4666, 1.2581,
1.3990

■ 0.3029, 0.1084,
0.1409

■ 78.5948, 78.4370,
85.8604

■ 78.5948, 78.4370,
85.8604

■ 70.1432, 65.2713,
71.5189

■ 88.2464, 93.6057,
101.8216

■ 62.8374, 54.0147,
58.7405

■ 91.4666, 98.1527,
108.7323

■ 56.6287, 44.5810,
47.4723

■ 51.4622, 36.8734,
37.6568

■ 47.2784, 30.7860,
29.2325

■ 44.0113, 26.2013,
22.1331

■ 41.5863, 22.9856,
16.2866

■ 39.9163, 20.9812,
11.6128

■ 38.8798, 19.9628,
8.0155

Harmonies

Analogous

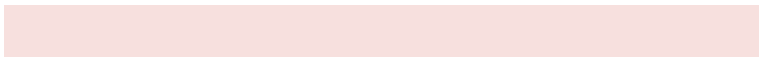
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9630, 78.4370, 91.6316



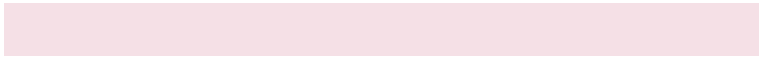
78.5948, 78.4370, 85.8604



78.1268, 78.4370, 80.2197

Triad

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



78.5948, 78.4370, 85.8604



72.7189, 78.4370, 75.7172



72.4486, 78.4370, 95.3941

Complementary

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



78.5948, 78.4370, 85.8604



78.9759, 87.3862, 94.3704

Split Complementary

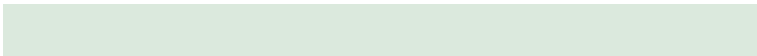
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0879, 78.4370, 90.8081



78.5948, 78.4370, 85.8604



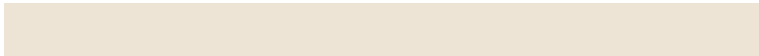
71.2420, 78.4370, 79.4662

Square

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



78.5948, 78.4370, 85.8604



74.7110, 78.4370, 74.5271



70.6503, 78.4370, 84.9503



74.3932, 78.4370, 97.2921

Rectangle

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



78.5948, 78.4370, 85.8604



77.2589, 78.4370, 77.2570



70.6503, 78.4370, 84.9503



71.9091, 78.4370, 94.1057

Sweetspot

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



78.5970, 78.4404, 85.8621



91.7903, 94.8688, 103.5340



78.6352, 78.2061, 97.3380



19.4648, 20.0196, 21.8595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

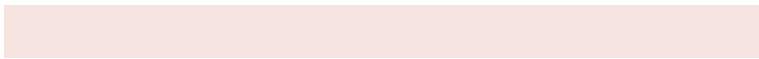
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5970, 78.4404, 85.8621



84.6521, 83.6774, 91.6437



78.9118, 80.3945, 81.8838



16.6937, 16.5603, 18.1336



20.9324, 10.7164, 4.3526



1.8822, 0.9588, 0.6059

Inverse Universe

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



78.5970, 78.4404, 85.8621



84.6521, 83.6774, 91.6437



78.6207, 85.2344, 98.6954



16.6937, 16.5603, 18.1336



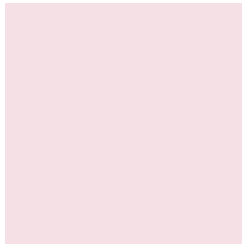
20.9324, 10.7164, 4.3526



1.8822, 0.9588, 0.6059

Previews

White Background



This preview shows how the XYZ color 78.5948, 78.4370, 85.8604 looks on a white background.

Color Contrast Check

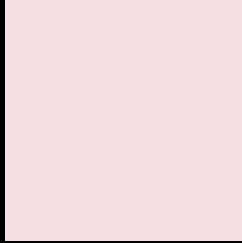
Large Text (above 18pt) WCAG AA × Fail

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 78.5948, 78.4370, 85.8604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

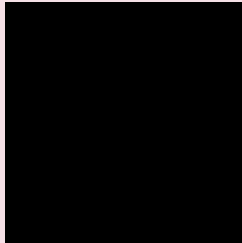
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

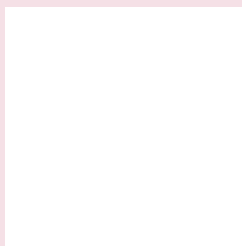
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5948, 78.4370, 85.8604

Background



This preview shows how black text looks on a background with the XYZ color 78.5948, 78.4370, 85.8604.



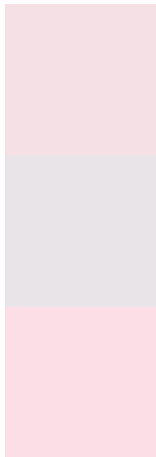
This preview shows how white text looks on a background with the XYZ color 78.5948, 78.4370,

85.8604.

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

78.5948, 78.4370, 85.8604

Protanopia

75.5876, 78.4688, 87.5060

Deuteranopia

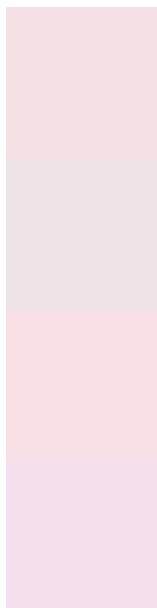
80.1879, 78.4650, 85.7818



Tritanopia

79.8555, 78.1267, 93.3092

Trichromacy



Original Color

78.5948, 78.4370, 85.8604

Protanomaly

76.8179, 78.7122, 86.7455

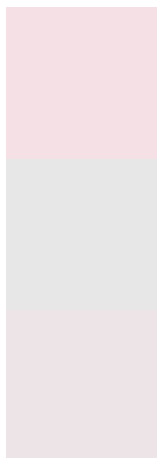
Deuteranomaly

79.7375, 78.6283, 85.8371

Tritanomaly

79.5340, 78.4243, 90.3024

Monochromacy



Original Color

78.5948, 78.4370, 85.8604

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7593, 79.0892, 86.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5948, 78.4370, 85.8604 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, 224, 230) looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 230)  
}
```

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, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.5948, 78.4370, 85.8604 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, 224, 230) }
```


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

```
.border{ border-color:rgb(245, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5948, 78.4370, 85.8604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 230) }
```

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

```
.background{ background-color: rgb(245,  
224, 230) }
```

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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