

Converting Colors

XYZ(77.4185, 76.9192, 85.9470)

Have a look what the booklet for
XYZ(77.4185, 76.9192, 85.9470)
contains.

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Color

**XYZ(77.3664, 77.0104,
85.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DEE6
RGB	243, 222, 230
RGB Percent	95%, 87%, 90%
CMY	0.0471, 0.1294, 0.0980
CMYK	0.00, 0.09, 0.05, 0.05
HSL	337°, 47%, 91%
HSV	337°, 9%, 95%
XYZ	77.3664, 77.0104, 85.6498
YIQ	229.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

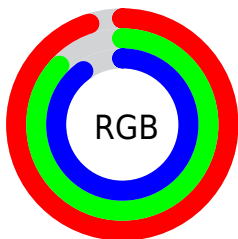
Format	Color
RYB	243, 222, 230
Decimal	15982310
CIELab	90.33, 8.54, -1.30
CIELCh	90, 8.642, 351.339
Yxy	77.0104, 0.3223, 0.3208
Android (android.graphics.Color)	4294172390 (0xFFFF3DEE6)
YUV	229.1910, 0.3988, 12.1105
Hunter-Lab	87.7556, 3.7956, 3.5616

Details

The XYZ color **77.3664, 77.0104, 85.6498** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.1732, 85.6310, 91.0625**, and the grayscale version is **74.6106, 78.4962, 85.4824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0501, 41.2974, 46.3124** is the 20% darker color. If you saturate the color by 10%, you get **69.3495, 64.2126, 72.9993**, and if you desaturate by 10%, it is **86.5002, 91.7481, 99.5743**.

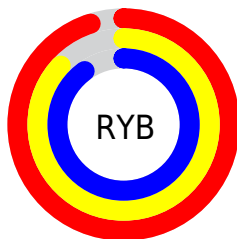
Distribution



Red (95%)

Green (87%)

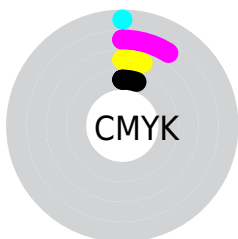
Blue (90%)



Red (95%)

Yellow (87%)

Blue (90%)

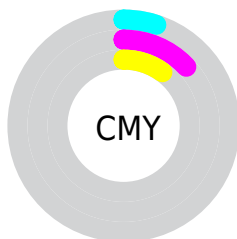


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3664, 77.0104, 85.6498 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 77.3664, 77.0104, 85.6498 by changing the saturation by 10% instead.


 77.3664, 77.0104,
85.6498

 77.3664, 77.0104,
85.6498


474.8852,
484.7995, 533.9763

 57.8546, 57.2614,
63.8252


128.6267,
129.1542, 143.1629

 41.9346, 41.2152,
46.0638


161.1058,
162.3177, 179.6885

 29.2410, 28.4872,
31.9472


198.6382,
200.7216, 221.9515

 19.4084, 18.6933,
21.0567

241.5891,
244.7502, 270.3704

 12.0715, 11.4489,
12.9738

290.3239,
294.7879, 325.3638

 6.8649, 6.3696,
7.2800

345.2079,

 3.4233, 3.0711,

351.2191, 387.3502

3.5567

406.6066,
414.4281, 456.7482

■ 1.3814, 1.1690,
1.3855

■ 0.2429, 0.0361,
0.1303

■ 77.3664, 77.0104,
85.6498

■ 77.3664, 77.0104,
85.6498

■ 69.3495, 64.2126,
72.9993

■ 86.5002, 91.7481,
99.5743

■ 62.3989, 53.2637,
61.5806

■ 90.7727, 97.7950,
108.6998

■ 56.4694, 44.0802,
51.3558

■ 51.5101, 36.5683,
42.2837

■ 47.4657, 30.6254,
34.3198

■ 44.2747, 26.1375,
27.4169

■ 41.8677, 22.9749,
21.5232

■ 40.1632, 20.9847,
16.5815

■ 39.0455, 19.9455,
12.5208

Harmonies

Analogous

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



76.4772, 77.0104, 91.4800



77.3664, 77.0104, 85.6498



77.1211, 77.0104, 79.6096

Triad

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



77.3664, 77.0104, 85.6498



71.6996, 77.0104, 73.2833



70.6396, 77.0104, 93.4563

Complementary

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



77.3664, 77.0104, 85.6498



77.1732, 85.6310, 91.0625

Split Complementary

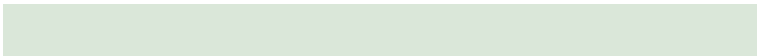
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4065, 77.0104, 88.2409



77.3664, 77.0104, 85.6498



70.0101, 77.0104, 76.6589

Square

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



77.3664, 77.0104, 85.6498



73.8214, 77.0104, 72.6655



69.1784, 77.0104, 82.0780



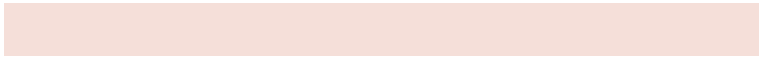
72.5743, 77.0104, 96.1297

Rectangle

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



77.3664, 77.0104, 85.6498



76.3493, 77.0104, 76.2597



69.1784, 77.0104, 82.0780



70.1309, 77.0104, 91.9305

Sweetspot

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



77.3686, 77.0138, 85.6515



91.9046, 94.9145, 104.1356



76.5461, 76.3709, 95.5018



19.4956, 20.0319, 22.0215



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

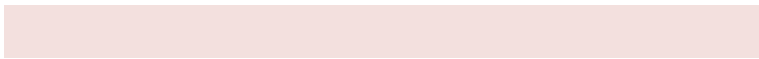
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3686, 77.0138, 85.6515



85.0091, 83.8202, 93.5236



76.9264, 77.8855, 80.0902



16.7603, 16.5870, 18.4841



21.4200, 10.9115, 6.9203



1.9310, 0.9784, 0.8632

Inverse Universe

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



77.3686, 77.0138, 85.6515



85.0091, 83.8202, 93.5236



77.6267, 84.6473, 97.0424



16.7603, 16.5870, 18.4841



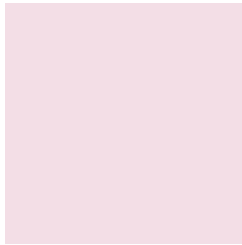
21.4200, 10.9115, 6.9203



1.9310, 0.9784, 0.8632

Previews

White Background



This preview shows how the XYZ color 77.3664, 77.0104, 85.6498 looks on a white background.

Color Contrast Check

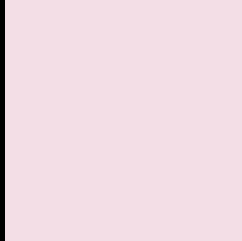
Large Text (above 18pt) WCAG AA × Fail

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 77.3664, 77.0104, 85.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

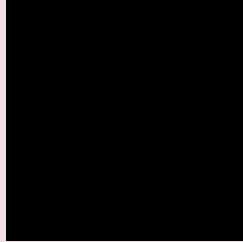
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3664, 77.0104, 85.6498

Background



This preview shows how black text looks on a background with the XYZ color 77.3664, 77.0104, 85.6498.



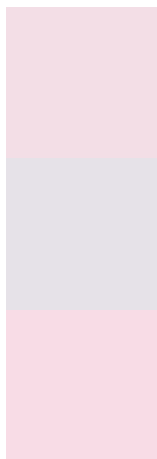
This preview shows how white text looks on a background with the XYZ color 77.3664, 77.0104,

85.6498.

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

77.3664, 77.0104, 85.6498

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

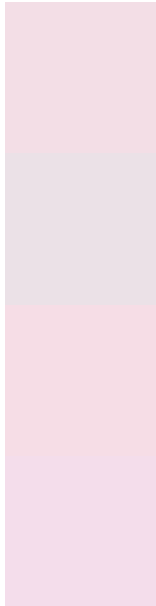
78.5875, 76.8560, 85.5556



Tritanopia

78.5973, 77.1190, 91.6319

Trichromacy



Original Color

77.3664, 77.0104, 85.6498

Protanomaly

75.6100, 77.2821, 86.5332

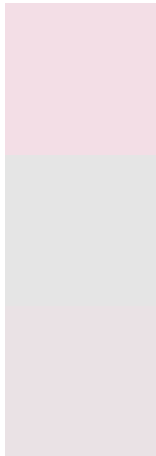
Deuteranomaly

78.1454, 77.0189, 85.6103

Tritanomaly

78.1601, 76.9442, 89.3295

Monochromacy



Original Color

77.3664, 77.0104, 85.6498

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2709, 77.5423, 85.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3664, 77.0104, 85.6498 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(243, 222, 230) looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 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(243, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 77.3664, 77.0104, 85.6498 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(243, 222, 230) }
```


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

```
.border{ border-color:rgb(243, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3664, 77.0104, 85.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 222, 230) }
```

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

```
.background{ background-color: rgb(243,  
222, 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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