

Converting Colors

XYZ(77.3587, 74.3488, 86.4177)

Have a look what the booklet for
XYZ(77.3587, 74.3488, 86.4177)
contains.

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Color

**XYZ(77.2237, 74.2012,
86.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D7E8
RGB	247, 215, 232
RGB Percent	97%, 84%, 91%
CMY	0.0314, 0.1568, 0.0902
CMYK	0.00, 0.13, 0.06, 0.03
HSL	328°, 67%, 91%
HSV	328°, 13%, 97%
XYZ	77.2237, 74.2012, 86.5961
YIQ	226.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

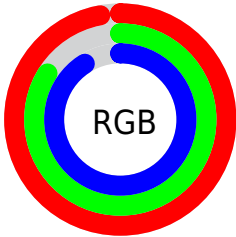
Format	Color
R _Y B	247, 215, 232
Decimal	16242664
CIE Lab	89.02, 13.90, -4.24
CIE LCh	89, 14.529, 343.051
Yxy	74.2012, 0.3244, 0.3117
Android (android.graphics.Color)	4294432744 (0xFFFF7D7E8)
YUV	226.5060, 2.7085, 17.9732
Hunter-Lab	86.1401, 9.2781, 0.6942

Details

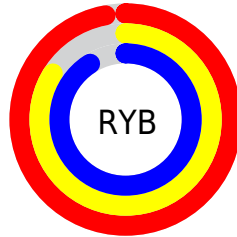
The XYZ color **77.2237, 74.2012, 86.5961** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5709, 86.6838, 87.6156**, and the grayscale version is **72.6309, 76.4133, 83.2141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6425, 39.2234, 46.4504** is the 20% darker color. If you saturate the color by 10%, you get **69.8122, 61.9235, 76.2764**, and if you desaturate by 10%, it is **85.6974, 88.4277, 97.8064**.

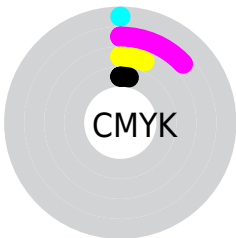
Distribution



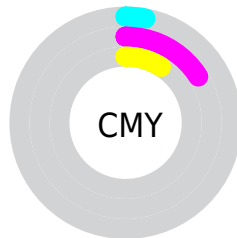
- Red (97%)
- Green (84%)
- Blue (91%)



- Red (97%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2237, 74.2012, 86.5961 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 77.2237, 74.2012, 86.5961 by changing the saturation by 10% instead.

77.2237, 74.2012,
86.5961

77.2237, 74.2012,
86.5961

474.4066,
475.1675, 537.1764

57.7371, 54.9587,
64.6033

128.4264,
125.1810, 144.4949

41.8397, 39.3687,
46.6902

160.8731,
157.6871, 181.2380

29.1664, 27.0467,
32.4382

198.3706,
195.3832, 223.7350

19.3516, 17.6083,
21.4288

241.2842,
238.6537, 272.4044

12.0301, 10.6691,
13.2435

289.9792,
287.8830, 327.6646

6.8366, 5.8448,
7.4638

344.8211,

3.4055, 2.7509,

343.4554, 389.9344

3.6710

406.1751,
405.7555, 459.6321

■ 1.3717, 1.0031,
1.4466

■ 0.2359, 0.0000,
0.1777

■ 77.2237, 74.2012,
86.5961

■ 77.2237, 74.2012,
86.5961

■ 69.8122, 61.9235,
76.2764

■ 85.6974, 88.4277,
97.8064

■ 63.4119, 51.4992,
66.8174

■ 92.1682, 98.5144,
108.7651

■ 57.9773, 42.8395,
58.1943

■ 53.4565, 35.8442,
50.3790

■ 49.7927, 30.4032,
43.3412

■ 46.9221, 26.3928,
37.0482

■ 44.7713, 23.6703,
31.4634

■ 43.2519, 22.0627,
26.5448

■ 42.4689, 21.4187,
23.4414

Harmonies

Analogous

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



75.2643, 74.2012, 95.8548



77.2237, 74.2012, 86.5961



77.3508, 74.2012, 76.4796

Triad

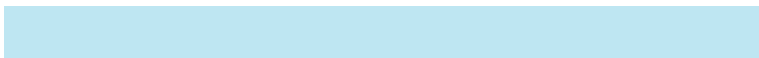
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2237, 74.2012, 86.5961



69.0035, 74.2012, 63.2880



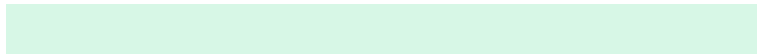
65.6789, 74.2012, 94.8102

Complementary

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



77.2237, 74.2012, 86.5961



75.5709, 86.6838, 87.6156

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.



64.1150, 74.2012, 85.2645



77.2237, 74.2012, 86.5961



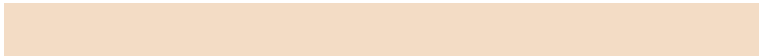
65.9909, 74.2012, 67.3970

Square

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



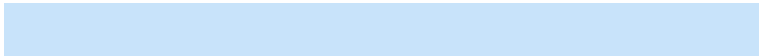
77.2237, 74.2012, 86.5961



72.5244, 74.2012, 63.5794



64.2272, 74.2012, 75.2542



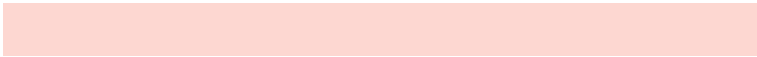
68.5647, 74.2012, 100.8617

Rectangle

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



77.2237, 74.2012, 86.5961



76.3728, 74.2012, 70.6426



64.2272, 74.2012, 75.2542



64.9855, 74.2012, 91.8709

Sweetspot

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



77.2258, 74.2045, 86.5977



91.1215, 93.3597, 103.8395



73.7035, 72.1318, 98.0350



19.3502, 19.7239, 22.0260



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

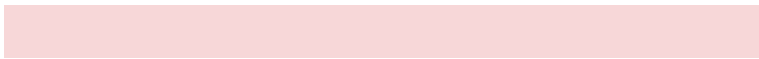
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2258, 74.2045, 86.5977



80.4590, 75.5032, 89.5928



75.0641, 73.3398, 75.2144



16.8670, 16.6297, 19.0464



22.5326, 11.3565, 12.7790



2.0323, 1.0189, 1.3966

Inverse Universe

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



77.2258, 74.2045, 86.5977



80.4590, 75.5032, 89.5928



77.9117, 87.6201, 99.9423



16.8670, 16.6297, 19.0464



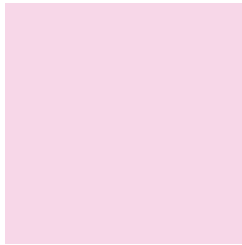
22.5326, 11.3565, 12.7790



2.0323, 1.0189, 1.3966

Previews

White Background



This preview shows how the XYZ color 77.2237, 74.2012, 86.5961 looks on a white background.

Color Contrast Check

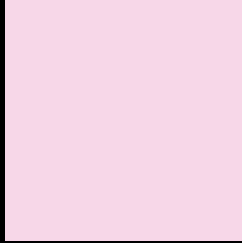
Large Text (above 18pt) WCAG AA × Fail

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 77.2237, 74.2012, 86.5961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

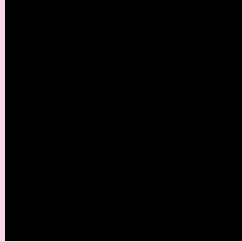
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2237, 74.2012, 86.5961

Background



This preview shows how black text looks on a background with the XYZ color 77.2237, 74.2012, 86.5961.

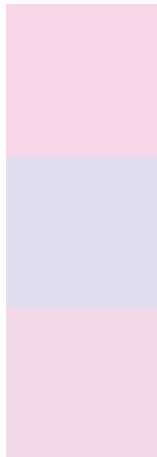


This preview shows how white text looks on a background with the XYZ color 77.2237, 74.2012,

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

77.2237, 74.2012, 86.5961

Protanopia

72.0021, 74.1460, 89.8736

Deuteranopia

75.9963, 74.3291, 86.6855



Tritanopia

77.2237, 74.2012, 86.5961

Trichromacy



Original Color

77.2237, 74.2012, 86.5961

Protanomaly

73.6056, 73.8170, 88.9659

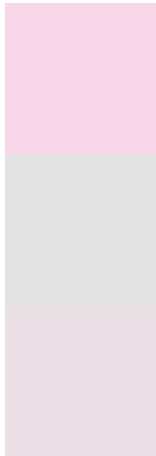
Deuteranomaly

76.4296, 74.1710, 86.6321

Tritanomaly

77.2237, 74.2012, 86.5961

Monochromacy



Original Color

77.2237, 74.2012, 86.5961

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4622, 75.9249, 84.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2237, 74.2012, 86.5961 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(247, 215, 232) looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 232)  
}
```

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(247, 215, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 232) }
```

Border

The CSS property to change the border of an element to XYZ 77.2237, 74.2012, 86.5961 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(247, 215, 232) }
```


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

```
.border{ border-color:rgb(247, 215, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 215, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2237, 74.2012, 86.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 232) }
```

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

```
.background{ background-color: rgb(247,  
215, 232) }
```

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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