

Converting Colors

XYZ(77.5828, 74.1129, 87.3348)

Have a look what the booklet for
XYZ(77.5828, 74.1129, 87.3348)
contains.

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Color

**XYZ(77.4659, 73.9328,
87.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D6E9
RGB	248, 214, 233
RGB Percent	97%, 84%, 91%
CMY	0.0274, 0.1608, 0.0863
CMYK	0.00, 0.14, 0.06, 0.03
HSL	326°, 71%, 91%
HSV	326°, 14%, 97%
XYZ	77.4659, 73.9328, 87.2784
YIQ	226.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

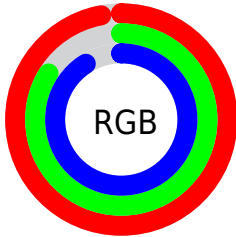
Format	Color
R _Y B	248, 214, 233
Decimal	16307945
CIE Lab	88.89, 14.93, -4.94
CIE LCh	89, 15.728, 341.695
Yxy	73.9328, 0.3246, 0.3098
Android (android.graphics.Color)	4294498025 (0xFFFF8D6E9)
YUV	226.3320, 3.2873, 19.0028
Hunter-Lab	85.9842, 10.3440, 0.0065

Details

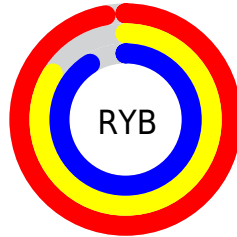
The XYZ color **77.4659, 73.9328, 87.2784** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4446, 87.0899, 86.9664**, and the grayscale version is **72.5005, 76.2762, 83.0648**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8198, 39.0470, 46.9276** is the 20% darker color. If you saturate the color by 10%, you get **70.1464, 61.7175, 77.3643**, and if you desaturate by 10%, it is **85.8421, 88.1044, 98.0248**.

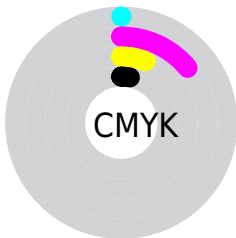
Distribution



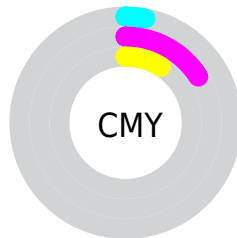
- Red (97%)
- Green (84%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4659, 73.9328, 87.2784 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 77.4659, 73.9328, 87.2784 by changing the saturation by 10% instead.

77.4659, 73.9328,
87.2784

77.4659, 73.9328,
87.2784

475.2187,
474.2414, 539.4772

57.9366, 54.7390,
65.1647

128.7663,
124.8005, 145.4544

42.0007, 39.1928,
47.1424

161.2681,
157.2433, 182.3538

29.2930, 26.9098,
32.7931

198.8248,
194.8712, 225.0188

19.4480, 17.5055,
21.6982

241.8017,
238.0686, 273.8680

12.1003, 10.5955,
13.4391

290.5641,
287.2200, 329.3198

6.8847, 5.7956,
7.5973

345.4776,

3.4358, 2.7212,

342.7096, 391.7930

3.7543

406.9073,
404.9220, 461.7059

■ 1.3882, 0.9880,
1.4916

■ 0.2478, 0.0000,
0.2116

■ 77.4659, 73.9328,
87.2784

■ 77.4659, 73.9328,
87.2784

■ 70.1464, 61.7175,
77.3643

■ 85.8421, 88.1044,
98.0248

■ 63.8324, 51.3620,
68.2542

■ 92.5035, 98.6893,
108.6854

■ 58.4780, 42.7760,
59.9248

■ 92.5218, 98.6967,
108.7817

■ 54.0308, 35.8580,
52.3496

■ 50.4333, 30.4959,
45.5000

■ 47.6210, 26.5637,
39.3449

■ 45.5193, 23.9157,
33.8493

■ 44.0378, 22.3743,
28.9727

■ 43.3411, 21.8084,
26.1892

Harmonies

Analogous

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



75.2627, 73.9328, 97.2233



77.4659, 73.9328, 87.2784



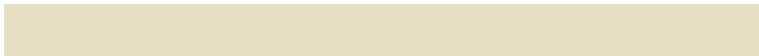
77.6997, 73.9328, 76.3174

Triad

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



77.4659, 73.9328, 87.2784



68.7948, 73.9328, 61.6352



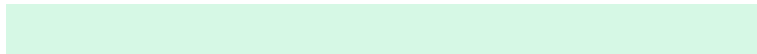
64.9360, 73.9328, 95.2945

Complementary

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



77.4659, 73.9328, 87.2784



75.4446, 87.0899, 86.9664

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.



63.3314, 73.9328, 84.8332



77.4659, 73.9328, 87.2784



65.5048, 73.9328, 65.8140

Square

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



77.4659, 73.9328, 87.2784



72.5994, 73.9328, 62.1612



63.5358, 73.9328, 74.0824



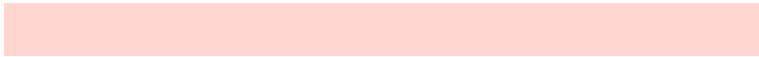
67.9927, 73.9328, 102.1321

Rectangle

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



77.4659, 73.9328, 87.2784



76.6972, 73.9328, 69.9618



63.5358, 73.9328, 74.0824



64.2140, 73.9328, 92.0471

Sweetspot

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



77.4680, 73.9360, 87.2800



91.1657, 93.3774, 104.0724



73.2208, 71.4883, 98.7473



19.3613, 19.7283, 22.0849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

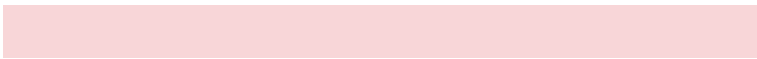
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4680, 73.9360, 87.2800



80.6230, 75.5687, 90.4561



75.1897, 73.0247, 75.2827



17.6507, 17.3877, 20.0165



23.4844, 11.8095, 14.5253



2.2284, 1.1151, 1.6261

Inverse Universe

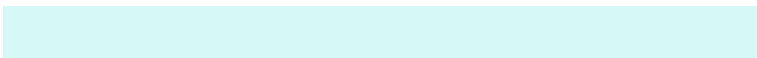
The Inverse Universe completely reimagines the original color for something new.



77.4680, 73.9360, 87.2800



80.6230, 75.5687, 90.4561



77.8949, 88.0700, 99.8692



17.6507, 17.3877, 20.0165



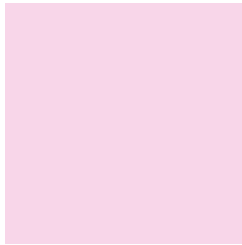
23.4844, 11.8095, 14.5253



2.2284, 1.1151, 1.6261

Previews

White Background



This preview shows how the XYZ color 77.4659, 73.9328, 87.2784 looks on a white background.

Color Contrast Check

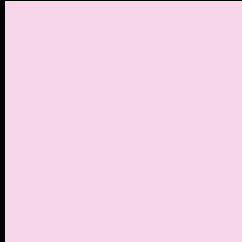
Large Text (above 18pt) WCAG AA × Fail

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 77.4659, 73.9328, 87.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

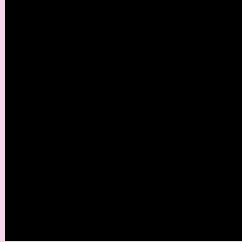
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4659, 73.9328, 87.2784

Background



This preview shows how black text looks on a background with the XYZ color 77.4659, 73.9328, 87.2784.



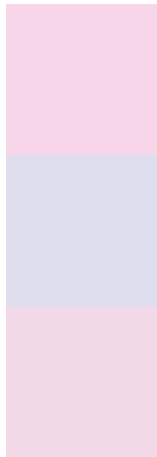
This preview shows how white text looks on a background with the XYZ color 77.4659, 73.9328,

87.2784.

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

77.4659, 73.9328, 87.2784

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

75.6540, 74.1527, 86.6694



Tritanopia

77.1818, 73.8191, 85.7819

Trichromacy



Original Color

77.4659, 73.9328, 87.2784

Protanomaly

73.7506, 73.8750, 89.7291

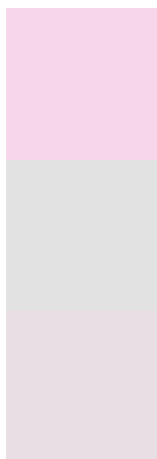
Deuteranomaly

76.4296, 74.1710, 86.6321

Tritanomaly

77.3235, 73.8758, 86.5280

Monochromacy



Original Color

77.4659, 73.9328, 87.2784

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1958, 75.3921, 84.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4659, 73.9328, 87.2784 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(248, 214, 233) looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 233)  
}
```

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(248, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 233) }
```

Border

The CSS property to change the border of an element to XYZ 77.4659, 73.9328, 87.2784 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(248, 214, 233) }
```


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

```
.border{ border-color:rgb(248, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4659, 73.9328, 87.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 233) }
```

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

```
.background{ background-color: rgb(248,  
214, 233) }
```

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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