

Converting Colors

XYZ(78.2585, 73.0738, 95.2109)

Have a look what the booklet for
XYZ(78.2585, 73.0738, 95.2109)
contains.

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Color

**XYZ(78.3348, 73.0766,
95.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F4
RGB	248, 211, 244
RGB Percent	97%, 83%, 96%
CMY	0.0274, 0.1725, 0.0431
CMYK	0.00, 0.15, 0.02, 0.03
HSL	306°, 73%, 90%
HSV	306°, 15%, 97%
XYZ	78.3348, 73.0766, 95.5645
YIQ	225.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

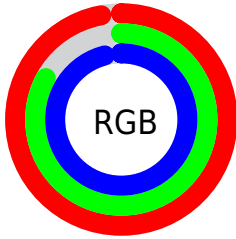
Format	Color
R _Y B	248, 211, 244
Decimal	16307188
CIE Lab	88.48, 18.42, -11.34
CIE LCh	88, 21.636, 328.381
Yxy	73.0766, 0.3172, 0.2959
Android (android.graphics.Color)	4294497268 (0xFFFF8D3F4)
YUV	225.8250, 8.9603, 19.4475
Hunter-Lab	85.4849, 13.9716, -6.4416

Details

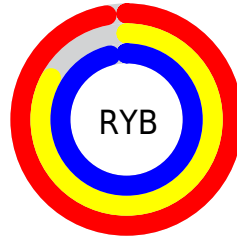
The XYZ color **78.3348, 73.0766, 95.5645** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6999, 85.8921, 77.0410**, and the grayscale version is **72.0957, 75.8503, 82.6009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4514, 38.4841, 52.7677** is the 20% darker color. If you saturate the color by 10%, you get **72.2392, 61.5312, 91.5391**, and if you desaturate by 10%, it is **85.3911, 86.5317, 99.9410**.

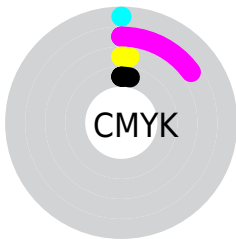
Distribution



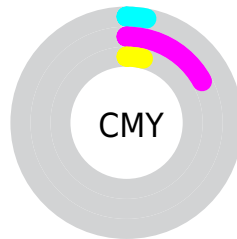
- Red (97%)
- Green (83%)
- Blue (96%)



- Red (97%)
- Yellow (83%)
- Blue (96%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3348, 73.0766, 95.5645 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 78.3348, 73.0766, 95.5645 by changing the saturation by 10% instead.

78.3348, 73.0766,
95.5645

78.3348, 73.0766,
95.5645

478.1255,
471.2803, 567.0010

58.6528, 54.0386,
72.0054

129.9848,
123.5859, 157.0465

42.5790, 38.6325,
52.6762

162.6836,
155.8261, 195.8066

29.7480, 26.4740,
37.1584

200.4520,
193.2357, 240.4707

19.7945, 17.1786,
25.0334

243.6553,
236.1993, 291.4574

12.3532, 10.3619,
15.8827

292.6590,
285.1011, 349.1852

7.0586, 5.6395,
9.2877

347.8283,

3.5454, 2.6272,

340.3256, 414.0727

4.8300

409.5287,
402.2572, 486.5385

■ 1.4483, 0.9403,
2.0909

■ 0.2903, 0.0000,
0.6103

■ 78.3348, 73.0766,
95.5645

■ 78.3348, 73.0766,
95.5645

■ 72.2392, 61.5312,
91.5391

■ 85.3911, 86.5317,
99.9410

■ 67.0544, 51.7990,
87.8456

■ 91.6278, 98.3391,
104.0729

■ 62.7356, 43.7896,
84.4697

■ 92.0499, 98.5079,
106.2960

■ 59.2320, 37.4010,
81.3944

■ 92.4781, 98.6792,
108.5508

■ 56.4870, 32.5205,
78.6008

■ 92.5220, 98.6968,
108.7817

■ 54.4372, 29.0209,
76.0674

■ 53.0083, 26.7540,
73.7696

■ 52.1095, 25.5380,
71.6767

■ 51.7880, 25.1872,
70.6690

Harmonies

Analogous

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



74.3247, 73.0766, 107.5500



78.3348, 73.0766, 95.5645



79.9516, 73.0766, 80.3810

Triad

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



78.3348, 73.0766, 95.5645



69.7404, 73.0766, 54.2135



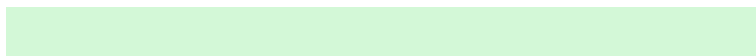
61.0170, 73.0766, 93.9876

Complementary

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



78.3348, 73.0766, 95.5645



72.6999, 85.8921, 77.0410

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.



59.9237, 73.0766, 78.7605



78.3348, 73.0766, 95.5645



64.8068, 73.0766, 56.9164

Square

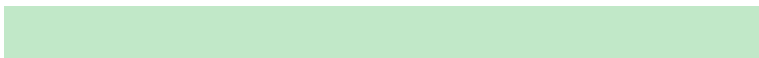
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



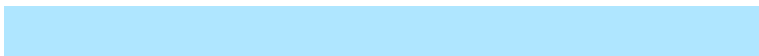
78.3348, 73.0766, 95.5645



74.8385, 73.0766, 57.5669



61.2769, 73.0766, 65.4643



64.3401, 73.0766, 106.5626

Rectangle

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



78.3348, 73.0766, 95.5645



79.3963, 73.0766, 70.8661



61.2769, 73.0766, 65.4643



60.3841, 73.0766, 88.9546

Sweetspot

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



78.3370, 73.0798, 95.5661



91.7049, 93.5930, 106.9115



68.1770, 67.7712, 98.2961



19.4981, 19.7830, 22.8049



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.



78.3370, 73.0798, 95.5661



81.3261, 73.8145, 100.4342



75.7082, 72.0283, 81.7232



17.9074, 17.4903, 21.3682



28.0075, 13.6187, 38.3435



2.6164, 1.2703, 3.6695

Inverse Universe

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



78.3370, 73.0798, 95.5661



81.3261, 73.8145, 100.4342



75.1705, 86.8803, 90.0507



17.9074, 17.4903, 21.3682



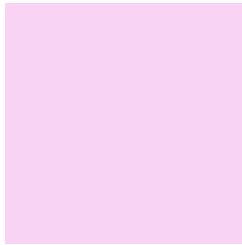
28.0075, 13.6187, 38.3435



2.6164, 1.2703, 3.6695

Previews

White Background



This preview shows how the XYZ color 78.3348, 73.0766, 95.5645 looks on a white background.

Color Contrast Check

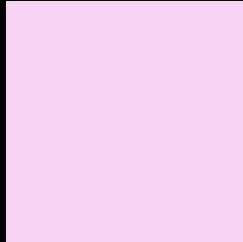
Large Text (above 18pt) WCAG AA × Fail

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 78.3348, 73.0766, 95.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

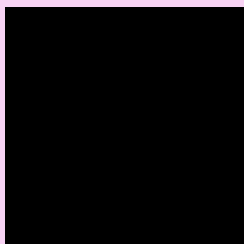
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3348, 73.0766, 95.5645

Background



This preview shows how black text looks on a background with the XYZ color 78.3348, 73.0766, 95.5645.



This preview shows how white text looks on a background with the XYZ color 78.3348, 73.0766,

95.5645.

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

78.3348, 73.0766, 95.5645

Protanopia

72.0252, 73.5205, 100.8372

Deuteranopia

74.6652, 73.0752, 94.9637



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

78.3348, 73.0766, 95.5645

Protanomaly

74.0692, 73.0610, 99.0053

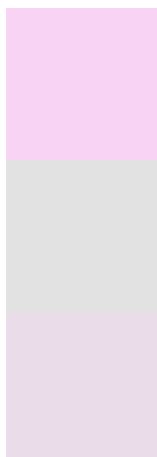
Deuteranomaly

75.8208, 72.9149, 94.8718

Tritanomaly

76.8967, 72.8593, 88.6076

Monochromacy



Original Color

78.3348, 73.0766, 95.5645

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.4961, 75.0885, 87.6580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3348, 73.0766, 95.5645 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, 211, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 244)  
}
```

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, 211, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 244) }
```

Border

The CSS property to change the border of an element to XYZ 78.3348, 73.0766, 95.5645 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, 211, 244) }
```


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

```
.border{ border-color:rgb(248, 211, 244) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3348, 73.0766, 95.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 244) }
```

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

```
.background{ background-color: rgb(248,  
211, 244) }
```

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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