

Converting Colors

XYZ(78.5390, 73.7284, 97.6111)

Have a look what the booklet for
XYZ(78.5390, 73.7284, 97.6111)
contains.

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Color

**XYZ(78.4348, 73.8352,
97.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5F6
RGB	246, 213, 246
RGB Percent	96%, 84%, 96%
CMY	0.0353, 0.1647, 0.0353
CMYK	0.00, 0.13, 0.00, 0.04
HSL	300°, 65%, 90%
HSV	300°, 13%, 96%
XYZ	78.4348, 73.8352, 97.3064
YIQ	226.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

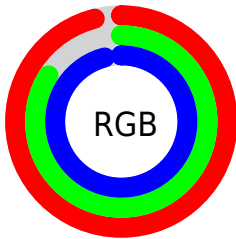
Format	Color
R_{YB}	246, 213, 246
Decimal	16176630
CIE _{Lab}	88.84, 17.07, -11.88
CIE _{LCh}	89, 20.796, 325.168
Yxy	73.8352, 0.3143, 0.2958
Android (android.graphics.Color)	4294366710 (0xFFFF6D5F6)
YUV	226.6290, 9.5499, 16.9884
Hunter-Lab	85.9274, 12.5624, -6.9923

Details

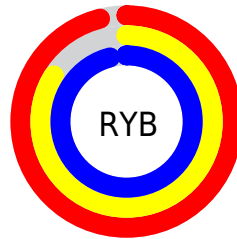
The XYZ color **78.4348, 73.8352, 97.3064** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4094, 84.8638, 75.5187**, and the grayscale version is **72.6744, 76.4591, 83.2640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7563, 39.1186, 54.0123** is the 20% darker color. If you saturate the color by 10%, you get **72.7113, 62.3870, 95.3994**, and if you desaturate by 10%, it is **85.1012, 87.1668, 99.5295**.

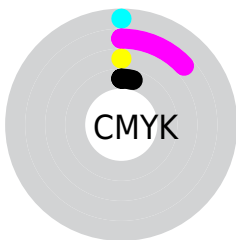
Distribution



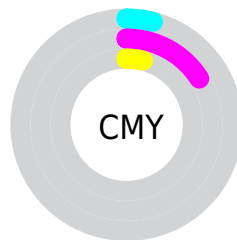
- Red (96%)
- Green (84%)
- Blue (96%)



- Red (96%)
- Yellow (84%)
- Blue (96%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4348, 73.8352, 97.3064 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 78.4348, 73.8352, 97.3064 by changing the saturation by 10% instead.

78.4348, 73.8352,
97.3064

78.4348, 73.8352,
97.3064

478.4595,
473.9044, 572.6945

58.7352, 54.6592,
73.4486

130.1250,
124.6622, 159.4700

42.6456, 39.1289,
53.8488

162.8464,
157.0819, 198.6130

29.8004, 26.8600,
38.0885

200.6390,
194.6850, 243.6881

19.8345, 17.4681,
25.7490

243.8684,
237.8558, 295.1138

12.3824, 10.5688,
16.4119

292.8997,
286.9787, 353.3088

7.0787, 5.7777,
9.6586

348.0984,

3.5581, 2.7104,

342.4382, 418.6916

5.0705

409.8299,
404.6186, 491.6806

■ 1.4553, 0.9825,
2.2292

■ 0.2951, 0.0000,
0.6912

■ 78.4348, 73.8352,
97.3064

■ 78.4348, 73.8352,
97.3064

■ 72.7113, 62.3870,
95.3994

■ 85.1012, 87.1668,
99.5295

■ 67.8819, 52.7283,
93.7896

■ 90.4013, 97.7670,
101.2962

■ 63.9036, 44.7717,
92.4634

■ 90.4013, 97.7670,
101.2962

■ 60.7271, 38.4186,
91.4045

■ 90.4013, 97.7670,
101.2963

58.2978, 33.5602,
90.5947

90.4013, 97.7670,
101.2963

56.5549, 30.0742,
90.0137

90.4013, 97.7670,
101.2964

55.4274, 27.8194,
89.6378

90.4013, 97.7670,
101.2964

54.8295, 26.6236,
89.4385

90.4014, 97.7670,
101.2965

54.6412, 26.2470,
89.3757

90.4014, 97.7670,
101.2965

Harmonies

Analogous

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



74.3795, 73.8352, 108.2122



78.4348, 73.8352, 97.3064



80.2815, 73.8352, 82.7540

Triad

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



78.4348, 73.8352, 97.3064



70.9974, 73.8352, 55.7942



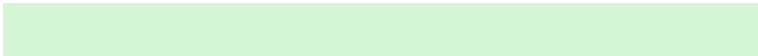
61.7697, 73.8352, 92.7806

Complementary

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



78.4348, 73.8352, 97.3064



72.4094, 84.8638, 75.5187

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.



60.9601, 73.8352, 78.0793



78.4348, 73.8352, 97.3064



66.1381, 73.8352, 57.8054

Square

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



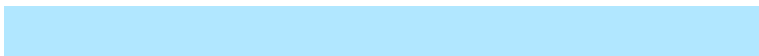
78.4348, 73.8352, 97.3064



75.8586, 73.8352, 59.7017



62.5223, 73.8352, 65.5644



64.7886, 73.8352, 105.3877

Rectangle

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



78.4348, 73.8352, 97.3064



79.9505, 73.8352, 73.3504



62.5223, 73.8352, 65.5644



61.2365, 73.8352, 87.8746

Sweetspot

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



78.4370, 73.8384, 97.3080



91.8819, 93.6639, 107.8440



67.8727, 68.3923, 96.8137



19.5431, 19.8010, 23.0419



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.



78.4370, 73.8384, 97.3080



83.3872, 76.6744, 105.0123



76.0155, 72.8698, 84.5568



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7047



2.5633, 1.2313, 4.1928

Inverse Universe

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



78.4370, 73.8384, 97.3080



83.3872, 76.6744, 105.0123



74.6117, 85.7447, 87.1159



17.2137, 16.7683, 20.8719



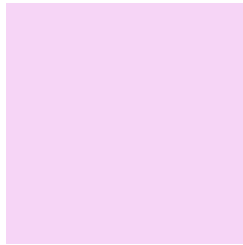
29.1650, 14.0094, 47.7047



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 78.4348, 73.8352, 97.3064 looks on a white background.

Color Contrast Check

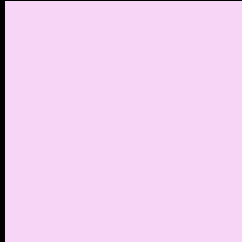
Large Text (above 18pt) WCAG AA × Fail

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 78.4348, 73.8352, 97.3064 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 78.4348, 73.8352, 97.3064

Background



This preview shows how black text looks on a background with the XYZ color 78.4348, 73.8352, 97.3064.



This preview shows how white text looks on a background with the XYZ color 78.4348, 73.8352,

97.3064.

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

78.4348, 73.8352, 97.3064

Protanopia

72.7473, 74.2677, 101.7677

Deuteranopia

75.5552, 73.8804, 96.6644



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

78.4348, 73.8352, 97.3064

Protanomaly

74.7435, 74.1606, 99.9976

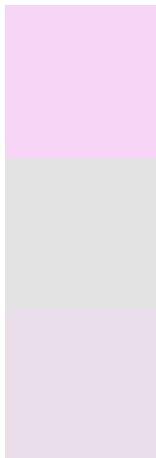
Deuteranomaly

76.6339, 74.0550, 96.6412

Tritanomaly

76.9888, 73.6200, 90.2731

Monochromacy



Original Color

78.4348, 73.8352, 97.3064

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.9042, 75.6755, 88.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4348, 73.8352, 97.3064 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(246, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 246)  
}
```

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(246, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.4348, 73.8352, 97.3064 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(246, 213, 246) }
```


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

```
.border{ border-color:rgb(246, 213, 246) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4348, 73.8352, 97.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 246) }
```

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

```
.background{ background-color: rgb(246,  
213, 246) }
```

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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