

Converting Colors

XYZ(78.8686, 73.1822, 98.1853)

Have a look what the booklet for
XYZ(78.8686, 73.1822, 98.1853)
contains.

XYZ(78.7942, 73.2604, 97.9835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.7942, 73.2604,
97.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F7
RGB	248, 211, 247
RGB Percent	97%, 83%, 97%
CMY	0.0274, 0.1725, 0.0314
CMYK	0.00, 0.15, 0.00, 0.03
HSL	302°, 73%, 90%
HSV	302°, 15%, 97%
XYZ	78.7942, 73.2604, 97.9835
YIQ	226.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

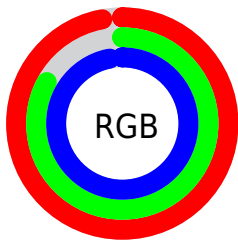
Format	Color
R _{YB}	248, 211, 247
Decimal	16307191
CIE _{Lab}	88.57, 18.96, -12.79
CIE _{LCh}	89, 22.874, 325.990
Y _{xy}	73.2604, 0.3151, 0.2930
Android (android.graphics.Color)	4294497271 (0xFFFF8D3F7)
Y _{UV}	226.1670, 10.2707, 19.1475
Hunter-Lab	85.5923, 14.5363, -7.9588

Details

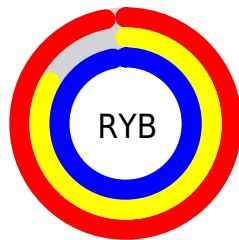
The XYZ color **78.7942, 73.2604, 97.9835** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3179, 85.7393, 75.0291**, and the grayscale version is **72.3341, 76.1011, 82.8741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7783, 38.6149, 54.4890** is the 20% darker color. If you saturate the color by 10%, you get **72.9996, 61.8354, 95.5432**, and if you desaturate by 10%, it is **85.5440, 86.5929, 100.7458**.

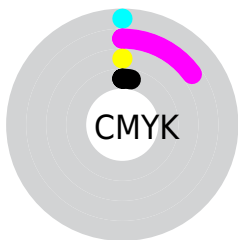
Distribution



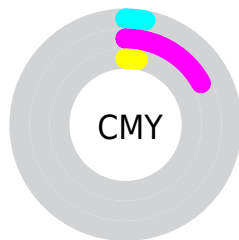
- Red (97%)
- Green (83%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7942, 73.2604, 97.9835 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 78.7942, 73.2604, 97.9835 by changing the saturation by 10% instead.

78.7942, 73.2604,
97.9835

78.7942, 73.2604,
97.9835

479.6585,
471.9168, 574.8994

59.0317, 54.1889,
74.0101

130.6286,
123.8468, 160.4109

42.8851, 38.7527,
54.3054

163.4311,
156.1305, 199.7020

29.9891, 26.5674,
38.4511

201.3110,
193.5871, 244.9360

19.9783, 17.2486,
26.0284

244.6336,
236.6010, 296.5315

12.4875, 10.4119,
16.6190

293.7643,
285.5564, 354.9071

7.1511, 5.6729,
9.8041

349.0685,

3.6040, 2.6472,

340.8380, 420.4812

5.1654

410.9114,
402.8300, 493.6725

■ 1.4806, 0.9505,
2.2842

■ 0.3126, 0.0000,
0.7223

■ 78.7942, 73.2604,
97.9835

■ 78.7942, 73.2604,
97.9835

■ 72.9996, 61.8354,
95.5432

■ 85.5440, 86.5929,
100.7458

■ 68.1103, 52.2214,
93.4056

■ 91.4685, 98.2754,
103.2339

■ 64.0815, 44.3280,
91.5567

■ 91.5729, 98.3171,
103.7839

■ 60.8623, 38.0532,
89.9795

■ 91.6777, 98.3591,
104.3358

58.3964, 33.2843,
88.6552

91.7829, 98.4011,
104.8897

56.6201, 29.8941,
87.5626

91.8885, 98.4434,
105.4456

55.4595, 27.7345,
86.6771

91.9944, 98.4857,
106.0035

54.8234, 26.6236,
85.9682

92.1007, 98.5283,
106.5633

54.6335, 26.3254,
85.6531

92.2074, 98.5709,
107.1251

Harmonies

Analogous

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



74.3813, 73.2604, 110.2887



78.7942, 73.2604, 97.9835



80.7512, 73.2604, 81.9102

Triad

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



78.7942, 73.2604, 97.9835



70.3758, 73.2604, 53.1533



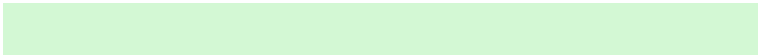
60.5310, 73.2604, 93.8257

Complementary

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



78.7942, 73.2604, 97.9835



72.3179, 85.7393, 75.0291

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.



59.5831, 73.2604, 77.6637



78.7942, 73.2604, 97.9835



65.0889, 73.2604, 55.4719

Square

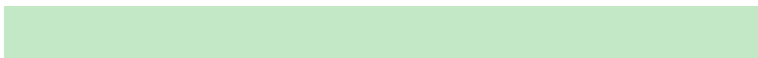
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



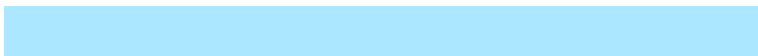
78.7942, 73.2604, 97.9835



75.7313, 73.2604, 57.1552



61.2088, 73.2604, 63.9629



63.8690, 73.2604, 107.6745

Rectangle

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



78.7942, 73.2604, 97.9835



80.3279, 73.2604, 71.6937



61.2088, 73.2604, 63.9629



59.9301, 73.2604, 88.4271

Sweetspot

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



78.7964, 73.2636, 97.9851



91.8376, 93.6461, 107.6103



67.2818, 67.3097, 98.2543



19.5318, 19.7965, 22.9825



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.



78.7964, 73.2636, 97.9851



81.9158, 74.0503, 103.5394



76.1347, 72.1989, 83.9691



17.9716, 17.5160, 21.7061



29.5215, 14.2243, 46.3164



2.7404, 1.3199, 4.3225

Inverse Universe

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



78.7964, 73.2636, 97.9851



81.9158, 74.0503, 103.5394



74.7333, 86.7055, 87.7485



17.9716, 17.5160, 21.7061



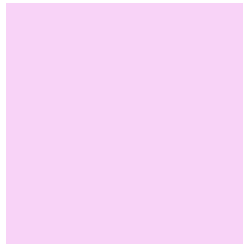
29.5215, 14.2243, 46.3164



2.7404, 1.3199, 4.3225

Previews

White Background



This preview shows how the XYZ color 78.7942, 73.2604, 97.9835 looks on a white background.

Color Contrast Check

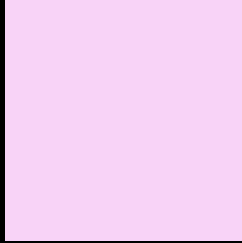
Large Text (above 18pt) WCAG AA × Fail

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 78.7942, 73.2604, 97.9835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

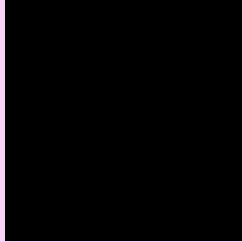
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7942, 73.2604, 97.9835

Background



This preview shows how black text looks on a background with the XYZ color 78.7942, 73.2604, 97.9835.



This preview shows how white text looks on a background with the XYZ color 78.7942, 73.2604,

97.9835.

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

78.7942, 73.2604, 97.9835

Protanopia

72.2013, 73.5565, 103.3209

Deuteranopia

74.7947, 73.0892, 97.3543



Tritanopia

76.4764, 73.4555, 85.7489

Trichromacy



Original Color

78.7942, 73.2604, 97.9835

Protanomaly

74.2203, 73.0847, 101.4617

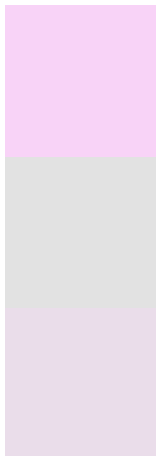
Deuteranomaly

75.9410, 72.9241, 97.2620

Tritanomaly

77.4381, 73.4771, 90.2218

Monochromacy



Original Color

78.7942, 73.2604, 97.9835

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6394, 75.1458, 88.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7942, 73.2604, 97.9835 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 247) }
```

Border

The CSS property to change the border of an element to XYZ 78.7942, 73.2604, 97.9835 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, 247) }
```


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

```
.border{ border-color:rgb(248, 211, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7942, 73.2604, 97.9835 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, 247) }
```

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

```
.background{ background-color: rgb(248,  
211, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor