

Converting Colors

XYZ(78.3457, 73.5272, 96.3868)

Have a look what the booklet for
XYZ(78.3457, 73.5272, 96.3868)
contains.

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Color

**XYZ(78.3827, 73.4537,
96.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4F5
RGB	247, 212, 245
RGB Percent	97%, 83%, 96%
CMY	0.0314, 0.1686, 0.0392
CMYK	0.00, 0.14, 0.01, 0.03
HSL	303°, 69%, 90%
HSV	303°, 14%, 97%
XYZ	78.3827, 73.4537, 96.4330
YIQ	226.2270, 10.2670, 17.6830

Conversions

Conversions Part 2

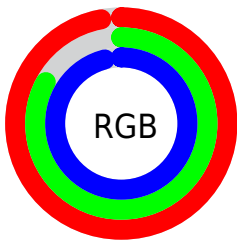
Format	Color
R _Y B	247, 212, 245
Decimal	16241909
CIE _{Lab}	88.66, 17.75, -11.61
CIE _{LCh}	89, 21.208, 326.801
Y _{xy}	73.4537, 0.3157, 0.2959
Android (android.graphics.Color)	4294431989 (0xFFFF7D4F5)
Y _{UV}	226.2270, 9.2551, 18.2179
Hunter-Lab	85.7051, 13.2654, -6.7178

Details

The XYZ color **78.3827, 73.4537, 96.4330** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5526, 85.3757, 76.2775**, and the grayscale version is **72.3847, 76.1544, 82.9321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4775, 38.7352, 53.3820** is the 20% darker color. If you saturate the color by 10%, you get **72.4604, 61.9516, 93.4004**, and if you desaturate by 10%, it is **85.2555, 86.8518, 99.7923**.

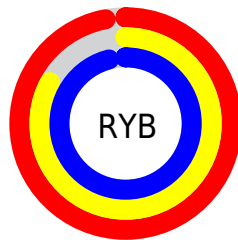
Distribution



Red (97%)

Green (83%)

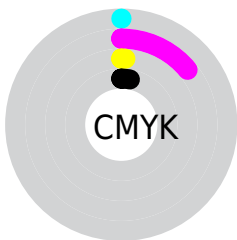
Blue (96%)



Red (97%)

Yellow (83%)

Blue (96%)

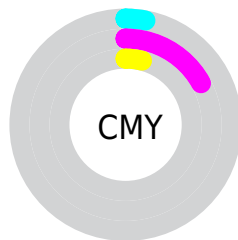


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (3%)



Cyan (3%)

Magenta (17%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3827, 73.4537, 96.4330 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 78.3827, 73.4537, 96.4330 by changing the saturation by 10% instead.

78.3827, 73.4537,
96.4330

78.3827, 73.4537,
96.4330

478.2855,
472.5858, 569.8436

58.6923, 54.3470,
72.7248

130.0520,
124.1211, 158.2554

42.6109, 38.8792,
53.2605

162.7616,
156.4506, 197.2067

29.7731, 26.6657,
37.6216

200.5416,
193.9565, 242.0761

19.8137, 17.3223,
25.3896

243.7574,
237.0232, 293.2822

12.3671, 10.4646,
16.1459

292.7743,
286.0351, 351.2434

7.0682, 5.7081,
9.4720

347.9577,

3.5515, 2.6684,

341.3765, 416.3783

4.9493

409.6730,
403.4319, 489.1056

■ 1.4517, 0.9612,
2.1593

■ 0.2926, 0.0000,
0.6508

■ 78.3827, 73.4537,
96.4330

■ 78.3827, 73.4537,
96.4330

■ 72.4604, 61.9516,
93.4004

■ 85.2555, 86.8518,
99.7923

■ 67.4393, 52.2504,
90.6754

■ 91.0345, 98.0609,
102.7942

■ 63.2755, 44.2611,
88.2443

■ 91.2542, 98.1488,
103.9512

■ 59.9188, 37.8835,
86.0903

■ 91.4755, 98.2373,
105.1169

57.3138, 33.0067,
84.1949

91.6986, 98.3265,
106.2913

55.3983, 29.5063,
82.5374

91.9232, 98.4164,
107.4745

54.0999, 27.2374,
81.0935

92.1496, 98.5070,
108.6665

53.3301, 26.0232,
79.8339

92.1683, 98.5144,
108.7651

53.0498, 25.6510,
79.1591

Harmonies

Analogous

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



74.3498, 73.4537, 107.8798



78.3827, 73.4537, 96.4330



80.1147, 73.4537, 81.5623

Triad

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



78.3827, 73.4537, 96.4330



70.3664, 73.4537, 54.9990



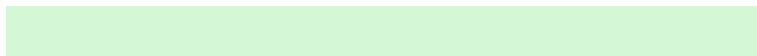
61.3909, 73.4537, 93.3787

Complementary

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



78.3827, 73.4537, 96.4330



72.5526, 85.3757, 76.2775

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.



60.4392, 73.4537, 78.4155



78.3827, 73.4537, 96.4330



65.4695, 73.4537, 57.3577

Square

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



78.3827, 73.4537, 96.4330



75.3465, 73.4537, 58.6275



61.8965, 73.4537, 65.5112



64.5621, 73.4537, 105.9704

Rectangle

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



78.3827, 73.4537, 96.4330



79.6717, 73.4537, 72.1016



61.8965, 73.4537, 65.5112



60.8077, 73.4537, 88.4094

Sweetspot

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



78.3849, 73.4569, 96.4346



91.7882, 93.6264, 107.3504



67.9939, 68.0647, 97.5511



19.5192, 19.7915, 22.9164



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.



78.3849, 73.4569, 96.4346



82.3497, 75.2336, 102.7113



75.8727, 72.4520, 83.2054



17.1703, 16.7510, 20.6435



28.0743, 13.5731, 41.9610



2.4797, 1.1978, 3.7525

Inverse Universe

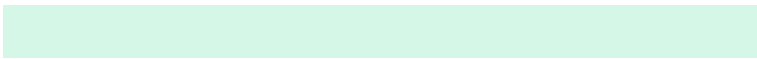
The Inverse Universe completely reimagines the original color for something new.



78.3849, 73.4569, 96.4346



82.3497, 75.2336, 102.7113



74.8739, 86.3042, 88.5012



17.1703, 16.7510, 20.6435



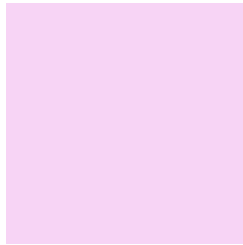
28.0743, 13.5731, 41.9610



2.4797, 1.1978, 3.7525

Previews

White Background



This preview shows how the XYZ color 78.3827, 73.4537, 96.4330 looks on a white background.

Color Contrast Check

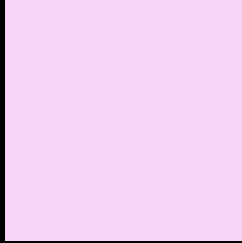
Large Text (above 18pt) WCAG AA × Fail

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 78.3827, 73.4537, 96.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

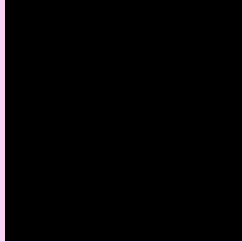
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3827, 73.4537, 96.4330

Background



This preview shows how black text looks on a background with the XYZ color 78.3827, 73.4537, 96.4330.



This preview shows how white text looks on a background with the XYZ color 78.3827, 73.4537,

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

78.3827, 73.4537, 96.4330

Protanopia

72.1825, 73.5834, 101.6654

Deuteranopia

75.4029, 73.8195, 95.8624



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

78.3827, 73.4537, 96.4330

Protanomaly

74.4834, 73.6404, 99.9108

Deuteranomaly

76.2262, 73.4833, 95.7541

Tritanomaly

76.9406, 73.2375, 89.4379

Monochromacy



Original Color

78.3827, 73.4537, 96.4330

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 78.3827, 73.4537, 96.4330 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, 212, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 245)  
}
```

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, 212, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 245) }
```

Border

The CSS property to change the border of an element to XYZ 78.3827, 73.4537, 96.4330 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, 212, 245) }
```


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

```
.border{ border-color:rgb(247, 212, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3827, 73.4537, 96.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 245) }
```

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

```
.background{ background-color: rgb(247,  
212, 245) }
```

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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