

Converting Colors

XYZ(77.8987, 73.2674, 93.8754)

Have a look what the booklet for
XYZ(77.8987, 73.2674, 93.8754)
contains.

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Color

**XYZ(77.9283, 73.2719,
94.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4F2
RGB	247, 212, 242
RGB Percent	97%, 83%, 95%
CMY	0.0314, 0.1686, 0.0510
CMYK	0.00, 0.14, 0.02, 0.03
HSL	309°, 69%, 90%
HSV	309°, 14%, 97%
XYZ	77.9283, 73.2719, 94.0400
YIQ	225.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

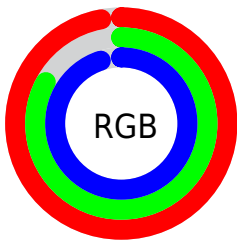
Format	Color
R_{YB}	247, 212, 242
Decimal	16241906
CIE _{Lab}	88.58, 17.21, -10.16
CIE _{LCh}	89, 19.985, 329.448
Yxy	73.2719, 0.3178, 0.2988
Android (android.graphics.Color)	4294431986 (0xFFFF7D4F2)
YUV	225.8850, 7.9447, 18.5179
Hunter-Lab	85.5990, 12.7060, -5.2173

Details

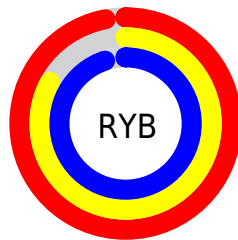
The XYZ color **77.9283, 73.2719, 94.0400** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9394, 85.5305, 78.3144**, and the grayscale version is **72.1462, 75.9034, 82.6588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1551, 38.6063, 51.6843** is the 20% darker color. If you saturate the color by 10%, you get **71.6956, 61.6457, 89.3731**, and if you desaturate by 10%, it is **85.1200, 86.7976, 99.0788**.

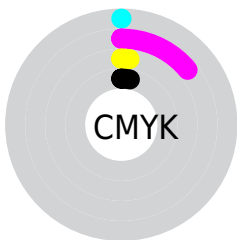
Distribution



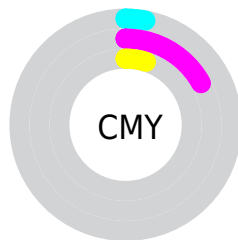
- Red (97%)
- Green (83%)
- Blue (95%)



- Red (97%)
- Yellow (83%)
- Blue (95%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9283, 73.2719, 94.0400 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 77.9283, 73.2719, 94.0400 by changing the saturation by 10% instead.

77.9283, 73.2719,
94.0400

77.9283, 73.2719,
94.0400

476.7668,
471.9566, 561.9927

58.3177, 54.1983,
70.7438

129.4149,
123.8631, 154.9218

42.3083, 38.7602,
51.6526

162.0217,
156.1496, 193.3444

29.5350, 26.5733,
36.3479

199.6911,
193.6091, 237.6463

19.6322, 17.2530,
24.4112

242.7886,
236.6261, 288.2459

12.2347, 10.4150,
15.4239

291.6796,
285.5849, 345.5618

6.9770, 5.6750,
8.9675

346.7294,

3.4940, 2.6485,

340.8700, 410.0126

4.6235

408.3034,
402.8658, 482.0167

■ 1.4200, 0.9511,
1.9732

■ 0.2704, 0.0000,
0.5387

■ 77.9283, 73.2719,
94.0400

■ 77.9283, 73.2719,
94.0400

■ 71.6956, 61.6457,
89.3731

■ 85.1200, 86.7976,
99.0788

■ 66.3727, 51.8237,
85.0587

■ 91.2266, 98.1378,
103.8058

■ 61.9155, 43.7171,
81.0829

■ 91.7826, 98.3601,
106.7336

■ 58.2739, 37.2255,
77.4285

■ 92.1684, 98.5145,
108.7651

■ 55.3924, 32.2382,
74.0769

■ 53.2087, 28.6304,
71.0068

■ 51.6503, 26.2576,
68.1940

■ 50.6288, 24.9427,
65.6087

■ 50.2054, 24.5133,
64.1806

Harmonies

Analogous

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



74.2968, 73.2719, 105.1837



77.9283, 73.2719, 94.0400



79.3222, 73.2719, 80.0366

Triad

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



77.9283, 73.2719, 94.0400



69.7321, 73.2719, 56.0845



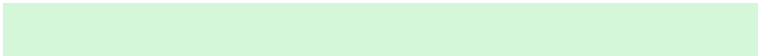
61.8838, 73.2719, 93.5467

Complementary

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



77.9283, 73.2719, 94.0400



72.9394, 85.5305, 78.3144

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.



60.7846, 73.2719, 79.5252



77.9283, 73.2719, 94.0400



65.1872, 73.2719, 58.8372

Square

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



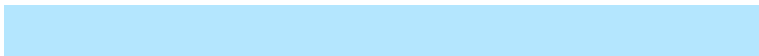
77.9283, 73.2719, 94.0400



74.4583, 73.2719, 59.0461



61.9663, 73.2719, 67.0409



65.0394, 73.2719, 104.8766

Rectangle

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



77.9283, 73.2719, 94.0400



78.7476, 73.2719, 71.2698



61.9663, 73.2719, 67.0409



61.2682, 73.2719, 88.9434

Sweetspot

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



77.9305, 73.2751, 94.0416



91.6481, 93.5703, 106.6128



68.8514, 68.5067, 97.5913



19.4837, 19.7773, 22.7291



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.



77.9305, 73.2751, 94.0416



81.7647, 74.9996, 99.6309



75.4717, 72.2916, 81.0939



17.1058, 16.7252, 20.3039



26.5922, 12.9803, 34.1566



2.3645, 1.1518, 3.1459

Inverse Universe

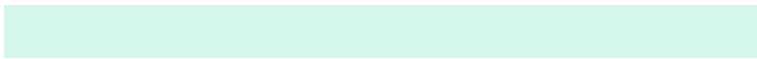
The Inverse Universe completely reimagines the original color for something new.



77.9305, 73.2751, 94.0416



81.7647, 74.9996, 99.6309



75.2900, 86.4707, 90.6922



17.1058, 16.7252, 20.3039



26.5922, 12.9803, 34.1566



2.3645, 1.1518, 3.1459

Previews

White Background



This preview shows how the XYZ color 77.9283, 73.2719, 94.0400 looks on a white background.

Color Contrast Check

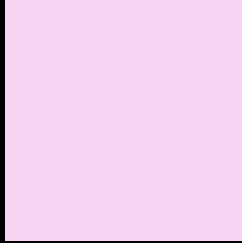
Large Text (above 18pt) WCAG AA × Fail

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 77.9283, 73.2719, 94.0400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

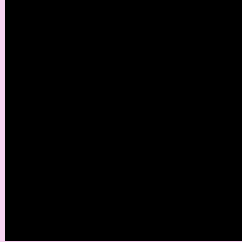
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9283, 73.2719, 94.0400

Background



This preview shows how black text looks on a background with the XYZ color 77.9283, 73.2719, 94.0400.



This preview shows how white text looks on a background with the XYZ color 77.9283, 73.2719,

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

77.9283, 73.2719, 94.0400

Protanopia

72.0131, 73.5503, 99.2081

Deuteranopia

75.0251, 73.2955, 93.4123



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

77.9283, 73.2719, 94.0400

Protanomaly

74.0191, 73.4546, 97.4657

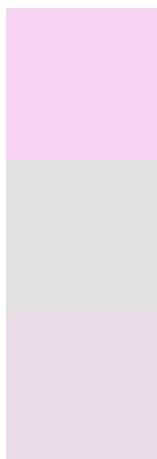
Deuteranomaly

76.1128, 73.4770, 93.3900

Tritanomaly

76.7957, 73.1795, 88.6747

Monochromacy



Original Color

77.9283, 73.2719, 94.0400

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3536, 75.0315, 86.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9283, 73.2719, 94.0400 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.9283, 73.2719, 94.0400 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, 242) }
```


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

```
.border{ border-color:rgb(247, 212, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9283, 73.2719, 94.0400 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, 242) }
```

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

```
.background{ background-color: rgb(247,  
212, 242) }
```

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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