

Converting Colors

XYZ(77.2694, 73.3063, 99.9081)

Have a look what the booklet for
XYZ(77.2694, 73.3063, 99.9081)
contains.

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Color

**XYZ(77.1688, 73.1288,
99.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D5F9
RGB	241, 213, 249
RGB Percent	95%, 84%, 98%
CMY	0.0549, 0.1647, 0.0235
CMYK	0.03, 0.14, 0.00, 0.02
HSL	287°, 75%, 91%
HSV	287°, 14%, 98%
XYZ	77.1688, 73.1288, 99.6706
YIQ	225.4760, 5.1320, 17.1320

Conversions

Conversions Part 2

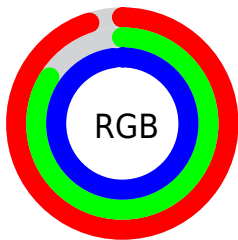
Format	Color
R _Y B	241, 213, 249
Decimal	15848953
CIE Lab	88.51, 15.98, -14.00
CIE LCh	89, 21.247, 318.768
Yxy	73.1288, 0.3087, 0.2926
Android (android.graphics.Color)	4294039033 (0xFFFF1D5F9)
YUV	225.4760, 11.5973, 13.6145
Hunter-Lab	85.5154, 11.4259, -9.2434

Details

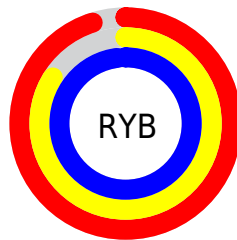
The XYZ color **77.1688, 73.1288, 99.6706** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7073, 87.9295, 75.9362**, and the grayscale version is **71.8289, 75.5696, 82.2953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8601, 38.6183, 55.6999** is the 20% darker color. If you saturate the color by 10%, you get **69.5206, 60.5930, 97.6552**, and if you desaturate by 10%, it is **85.8403, 87.6235, 102.0124**.

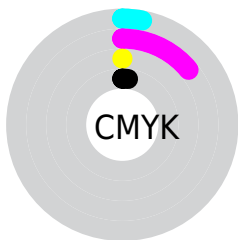
Distribution



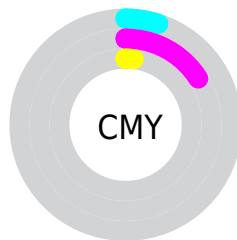
- Red (95%)
- Green (84%)
- Blue (98%)



- Red (95%)
- Yellow (84%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1688, 73.1288, 99.6706 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 77.1688, 73.1288, 99.6706 by changing the saturation by 10% instead.

77.1688, 73.1288,
99.6706

77.1688, 73.1288,
99.6706

474.2225,
471.4611, 580.3737

57.6918, 54.0813,
75.4101

128.3493,
123.6600, 162.7524

41.8033, 38.6667,
55.4452

160.7836,
155.9126, 202.4107

29.1377, 26.5005,
39.3573

198.2676,
193.3355, 248.0388

19.3298, 17.1984,
26.7278

241.1668,
236.3134, 300.0551

12.0143, 10.3761,
17.1383

289.8466,
285.2304, 358.8782

6.8257, 5.6490,
10.1701

344.6722,

3.3987, 2.6329,

340.4712, 424.9267

5.4048

406.0091,
402.4199, 498.6190

■ 1.3679, 0.9432,
2.4238

■ 0.2332, 0.0000,
0.7994

■ 77.1688, 73.1288,
99.6706

■ 77.1688, 73.1288,
99.6706

■ 69.5206, 60.5930,
97.6552

■ 85.8403, 87.6235,
102.0124

■ 62.8449, 49.9191,
95.9467

■ 93.0290, 99.0680,
103.8425

■ 57.0964, 41.0157,
94.5312

■ 94.0991, 99.6196,
103.8926

■ 52.2231, 33.7800,
93.3914

■ 48.1680, 28.0984,
92.5085

■ 44.8666, 23.8430,
91.8611

■ 42.2444, 20.8652,
91.4245

■ 40.2097, 18.9828,
91.1684

■ 39.2615, 18.2648,
91.0798

Harmonies

Analogous

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



72.7194, 73.1288, 109.3831



77.1688, 73.1288, 99.6706



79.6068, 73.1288, 85.2383

Triad

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



77.1688, 73.1288, 99.6706



71.4401, 73.1288, 55.0691



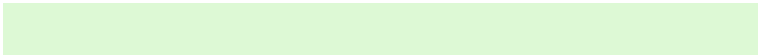
60.6041, 73.1288, 89.0355

Complementary

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



77.1688, 73.1288, 99.6706



75.7073, 87.9295, 75.9362

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.



60.2992, 73.1288, 74.2634



77.1688, 73.1288, 99.6706



66.3901, 73.1288, 55.8218

Square

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



77.1688, 73.1288, 99.6706



76.1929, 73.1288, 60.2645



62.3694, 73.1288, 62.4649



63.2236, 73.1288, 102.7422

Rectangle

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



77.1688, 73.1288, 99.6706



79.6872, 73.1288, 75.4079



62.3694, 73.1288, 62.4649



60.2325, 73.1288, 83.9962

Sweetspot

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



77.1710, 73.1319, 99.6722



91.0529, 93.2365, 107.8052



70.5046, 72.9133, 99.9813



19.3325, 19.6925, 23.0320



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.



77.1710, 73.1319, 99.6722



79.2902, 73.6106, 104.6370



78.5025, 73.9870, 92.1168



17.5936, 17.3186, 21.8008



21.1433, 9.8425, 48.7590



2.0478, 0.9578, 4.5201

Inverse Universe

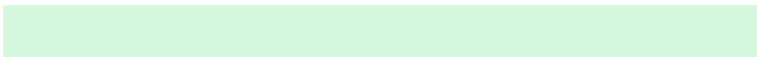
The Inverse Universe completely reimagines the original color for something new.



75.9148, 72.9519, 78.4899



77.7851, 73.4078, 78.6744



74.5842, 87.2055, 82.4340



17.4025, 17.2884, 18.7094



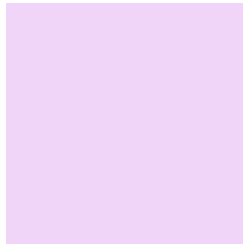
21.3287, 10.9472, 3.1733



2.0134, 1.0291, 0.4939

Previews

White Background



This preview shows how the XYZ color 77.1688, 73.1288, 99.6706 looks on a white background.

Color Contrast Check

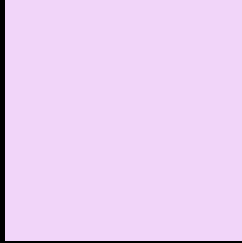
Large Text (above 18pt) WCAG AA × Fail

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 77.1688, 73.1288, 99.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

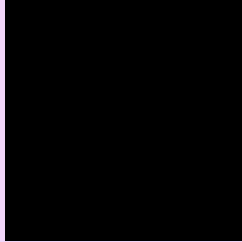
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1688, 73.1288, 99.6706

Background



This preview shows how black text looks on a background with the XYZ color 77.1688, 73.1288, 99.6706.



This preview shows how white text looks on a background with the XYZ color 77.1688, 73.1288,

99.6706.

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

77.1688, 73.1288, 99.6706

Protanopia

72.3611, 73.6204, 104.1622

Deuteranopia

74.7779, 73.0448, 98.9648



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

77.1688, 73.1288, 99.6706

Protanomaly

74.0061, 73.3398, 102.3509

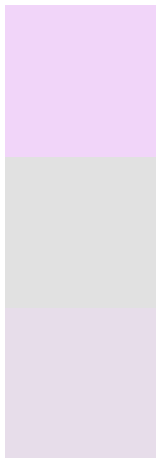
Deuteranomaly

75.5047, 73.0404, 98.9256

Tritanomaly

75.8156, 73.3581, 91.8250

Monochromacy



Original Color

77.1688, 73.1288, 99.6706

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.6627, 74.6423, 88.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1688, 73.1288, 99.6706 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(241, 213, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 213, 249)  
}
```

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(241, 213, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 213, 249) }
```

Border

The CSS property to change the border of an element to XYZ 77.1688, 73.1288, 99.6706 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(241, 213, 249) }
```


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

```
.border{ border-color:rgb(241, 213, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 213, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 213,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1688, 73.1288, 99.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 213, 249) }
```

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

```
.background{ background-color: rgb(241,  
213, 249) }
```

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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