

Converting Colors

XYZ(77.4044, 72.6457, 90.5616)

Have a look what the booklet for
XYZ(77.4044, 72.6457, 90.5616)
contains.

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Color

**XYZ(77.4383, 72.7180,
90.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3EE
RGB	248, 211, 238
RGB Percent	97%, 83%, 93%
CMY	0.0274, 0.1725, 0.0667
CMYK	0.00, 0.15, 0.04, 0.03
HSL	316°, 73%, 90%
HSV	316°, 15%, 97%
XYZ	77.4383, 72.7180, 90.8435
YIQ	225.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

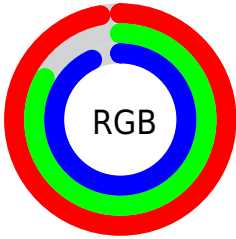
Format	Color
R _Y B	248, 211, 238
Decimal	16307182
CIE Lab	88.31, 17.37, -8.43
CIE LCh	88, 19.305, 334.103
Yxy	72.7180, 0.3213, 0.3017
Android (android.graphics.Color)	4294497262 (0xFFFF8D3EE)
YUV	225.1410, 6.3395, 20.0473
Hunter-Lab	85.2748, 12.8653, -3.4694

Details

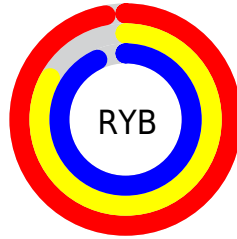
The XYZ color **77.4383, 72.7180, 90.8435** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4853, 86.2062, 81.1770**, and the grayscale version is **71.6203, 75.3501, 82.0563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8178, 38.2307, 49.4312** is the 20% darker color. If you saturate the color by 10%, you get **70.7801, 60.9476, 83.8556**, and if you desaturate by 10%, it is **85.0879, 86.4104, 98.3445**.

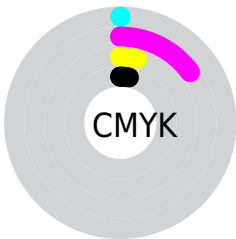
Distribution



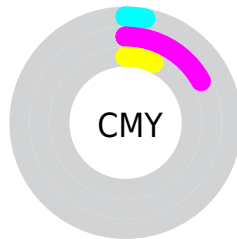
- Red (97%)
- Green (83%)
- Blue (93%)



- Red (97%)
- Yellow (83%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4383, 72.7180, 90.8435 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 77.4383, 72.7180, 90.8435 by changing the saturation by 10% instead.

77.4383, 72.7180,
90.8435

77.4383, 72.7180,
90.8435

475.1262,
470.0369, 551.4117

57.9139, 53.7454,
68.1028

128.7276,
123.0768, 150.4552

41.9824, 38.3982,
49.5142

161.2231,
155.2318, 188.1634

29.2785, 26.2919,
34.6590

198.7730,
192.5497, 231.6977

19.4370, 17.0421,
23.1189

241.7427,
235.4149, 281.4768

12.0923, 10.2645,
14.4752

290.4975,
284.2118, 337.9192

6.8792, 5.5747,
8.3094

345.4028,

3.4323, 2.5882,

339.3249, 401.4435

4.2030

406.8239,
401.1384, 472.4681

■ 1.3863, 0.9208,
1.7373

■ 0.2464, 0.0000,
0.3861

■ 77.4383, 72.7180,
90.8435

■ 77.4383, 72.7180,
90.8435

■ 70.7801, 60.9476,
83.8556

■ 85.0879, 86.4104,
98.3445

■ 65.0631, 51.0025,
77.3596

■ 91.9490, 98.4676,
105.7647

■ 60.2422, 42.7922,
71.3394

■ 92.5219, 98.6967,
108.7817

■ 56.2660, 36.2146,
65.7757

■ 53.0777, 31.1568,
60.6477

■ 50.6134, 27.4914,
55.9320

■ 48.7986, 25.0702,
51.6015

■ 47.5418, 23.7109,
47.6236

■ 47.0489, 23.2915,
45.7138

Harmonies

Analogous

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



74.2290, 72.7180, 102.2216



77.4383, 72.7180, 90.8435



78.3819, 72.7180, 77.3672

Triad

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



77.4383, 72.7180, 90.8435



68.4812, 72.7180, 56.3718



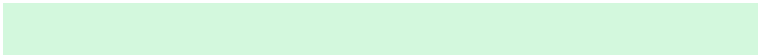
62.0035, 72.7180, 94.3507

Complementary

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



77.4383, 72.7180, 90.8435



73.4853, 86.2062, 81.1770

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.



60.6113, 72.7180, 81.0159



77.4383, 72.7180, 90.8435



64.2439, 72.7180, 59.8864

Square

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



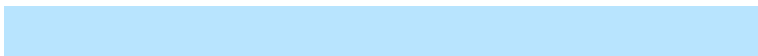
77.4383, 72.7180, 90.8435



73.0779, 72.7180, 58.3847



61.4129, 72.7180, 68.5557



65.3005, 72.7180, 104.3999

Rectangle

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



77.4383, 72.7180, 90.8435



77.5654, 72.7180, 69.2150



61.4129, 72.7180, 68.5557



61.3041, 72.7180, 90.0530

Sweetspot

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



77.4404, 72.7212, 90.8451



91.4412, 93.4876, 105.5229



70.0188, 68.7207, 98.3822



19.4311, 19.7563, 22.4525



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.



77.4404, 72.7212, 90.8451



80.1813, 73.3565, 94.4054



74.8780, 71.6962, 77.3513



17.7811, 17.4398, 20.7029



25.4772, 12.6066, 25.0192



2.4039, 1.1853, 2.5503

Inverse Universe

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



77.4404, 72.7212, 90.8451



80.1813, 73.3565, 94.4054



76.0680, 87.2393, 94.7772



17.7811, 17.4398, 20.7029



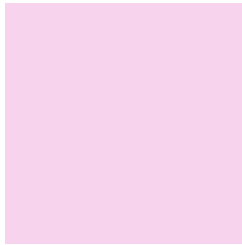
25.4772, 12.6066, 25.0192



2.4039, 1.1853, 2.5503

Previews

White Background



This preview shows how the XYZ color 77.4383, 72.7180, 90.8435 looks on a white background.

Color Contrast Check

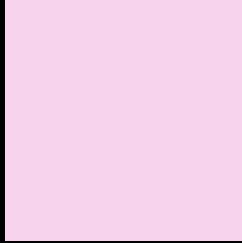
Large Text (above 18pt) WCAG AA × Fail

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 77.4383, 72.7180, 90.8435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

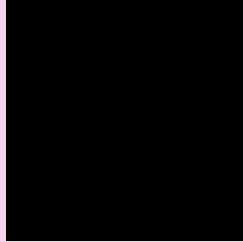
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4383, 72.7180, 90.8435

Background



This preview shows how black text looks on a background with the XYZ color 77.4383, 72.7180, 90.8435.



This preview shows how white text looks on a background with the XYZ color 77.4383, 72.7180,

90.8435.

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

77.4383, 72.7180, 90.8435

Protanopia

71.1358, 72.7781, 95.8863

Deuteranopia

74.1786, 72.5482, 90.2143



Tritanopia

76.0441, 72.5183, 84.1182

Trichromacy



Original Color

77.4383, 72.7180, 90.8435

Protanomaly

73.4730, 72.8595, 94.1952

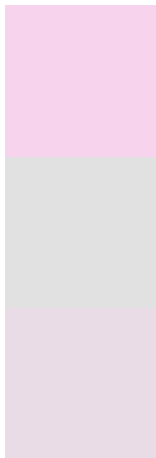
Deuteranomaly

75.2678, 72.7328, 90.1926

Tritanomaly

76.4667, 72.6873, 86.3438

Monochromacy



Original Color

77.4383, 72.7180, 90.8435

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.4804, 74.2232, 85.3166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4383, 72.7180, 90.8435 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.4383, 72.7180, 90.8435 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, 238) }
```


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

```
.border{ border-color:rgb(248, 211, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4383, 72.7180, 90.8435 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, 238) }
```

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

```
.background{ background-color: rgb(248,  
211, 238) }
```

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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