

Converting Colors

XYZ(77.1737, 73.3944, 90.7690)

Have a look what the booklet for
XYZ(77.1737, 73.3944, 90.7690)
contains.

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Color

**XYZ(77.2329, 73.3544,
90.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5EE
RGB	246, 213, 238
RGB Percent	96%, 84%, 93%
CMY	0.0353, 0.1647, 0.0667
CMYK	0.00, 0.13, 0.03, 0.04
HSL	315°, 65%, 90%
HSV	315°, 13%, 96%
XYZ	77.2329, 73.3544, 90.9771
YIQ	225.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

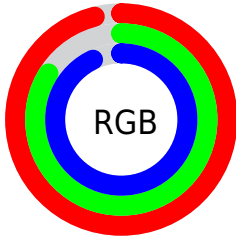
Format	Color
R _Y B	246, 213, 238
Decimal	16176622
CIE Lab	88.62, 15.65, -8.00
CIE LCh	89, 17.572, 332.916
Yxy	73.3544, 0.3197, 0.3037
Android (android.graphics.Color)	4294366702 (0xFFFF6D5EE)
YUV	225.7170, 6.0555, 17.7882
Hunter-Lab	85.6472, 11.0810, -3.0267

Details

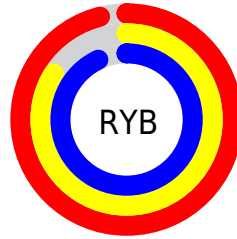
The XYZ color **77.2329, 73.3544, 90.9771** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4503, 85.2801, 81.0001**, and the grayscale version is **72.0380, 75.7896, 82.5348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9056, 38.7783, 49.5323** is the 20% darker color. If you saturate the color by 10%, you get **70.6472, 61.5614, 84.5304**, and if you desaturate by 10%, it is **84.7904, 87.0425, 97.8927**.

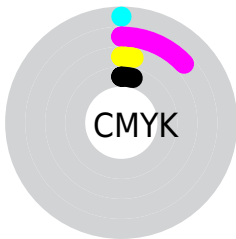
Distribution



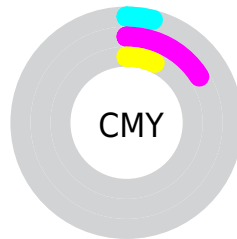
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2329, 73.3544, 90.9771 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 77.2329, 73.3544, 90.9771 by changing the saturation by 10% instead.

77.2329, 73.3544,
90.9771

77.2329, 73.3544,
90.9771

474.4375,
472.2422, 551.8561

57.7446, 54.2658,
68.2131

128.4393,
123.9802, 150.6422

41.8458, 38.8142,
49.6033

160.8881,
156.2862, 188.3804

29.1712, 26.6152,
34.7293

198.3879,
193.7668, 231.9471

19.3553, 17.2845,
23.1726

241.3039,
236.8063, 281.7607

12.0328, 10.4375,
14.5145

290.0015,
285.7892, 338.2399

6.8384, 5.6900,
8.3365

344.8460,

3.4067, 2.6575,

341.0999, 401.8032

4.2202

406.2029,
403.1228, 472.8691

■ 1.3723, 0.9557,
1.7469

■ 0.2364, 0.0000,
0.3926

■ 77.2329, 73.3544,
90.9771

■ 77.2329, 73.3544,
90.9771

■ 70.6472, 61.5614,
84.5304

■ 84.7904, 87.0425,
97.8927

■ 64.9846, 51.5694,
78.5324

■ 91.0109, 98.0108,
104.5064

■ 60.2015, 43.2909,
72.9681

■ 91.8165, 98.3331,
108.7487

■ 56.2483, 36.6271,
67.8195

■ 53.0703, 31.4691,
63.0670

■ 50.6062, 27.6948,
58.6887

■ 48.7850, 25.1624,
54.6594

■ 47.5204, 23.7000,
50.9489

■ 46.9074, 23.1534,
48.6501

Harmonies

Analogous

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



74.2449, 73.3544, 101.1129



77.2329, 73.3544, 90.9771



78.1824, 73.3544, 78.6888

Triad

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



77.2329, 73.3544, 90.9771



69.3073, 73.3544, 58.7519



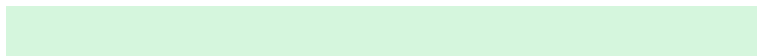
63.1001, 73.3544, 93.2389

Complementary

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



77.2329, 73.3544, 90.9771



73.4503, 85.2801, 81.0001

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.



61.8935, 73.3544, 81.0639



77.2329, 73.3544, 90.9771



65.3850, 73.3544, 61.8333

Square

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



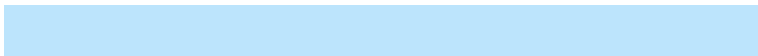
77.2329, 73.3544, 90.9771



73.4985, 73.3544, 60.8375



62.7130, 73.3544, 69.7067



66.0755, 73.3544, 102.5090

Rectangle

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



77.2329, 73.3544, 90.9771



77.5014, 73.3544, 71.1214



62.7130, 73.3544, 69.7067



62.4798, 73.3544, 89.3091

Sweetspot

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



77.2350, 73.3576, 90.9787



91.4863, 93.5056, 105.7604



70.1594, 69.5711, 96.9207



19.4426, 19.7608, 22.5127



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.



77.2350, 73.3576, 90.9787



81.8351, 76.0536, 96.8391



74.9609, 72.4479, 79.0030



17.0318, 16.6956, 19.9141



25.0951, 12.3815, 26.2730



2.2457, 1.1042, 2.5202

Inverse Universe

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



77.2350, 73.3576, 90.9787



81.8351, 76.0536, 96.8391



75.7141, 86.1856, 92.9209



17.0318, 16.6956, 19.9141



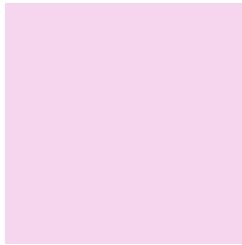
25.0951, 12.3815, 26.2730



2.2457, 1.1042, 2.5202

Previews

White Background



This preview shows how the XYZ color 77.2329, 73.3544, 90.9771 looks on a white background.

Color Contrast Check

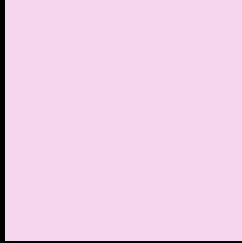
Large Text (above 18pt) WCAG AA × Fail

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 77.2329, 73.3544, 90.9771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

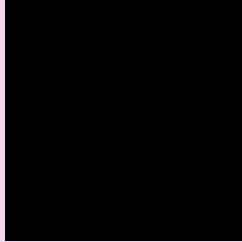
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2329, 73.3544, 90.9771

Background



This preview shows how black text looks on a background with the XYZ color 77.2329, 73.3544, 90.9771.



This preview shows how white text looks on a background with the XYZ color 77.2329, 73.3544,

90.9771.

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

77.2329, 73.3544, 90.9771

Protanopia

71.8529, 73.5561, 95.2047

Deuteranopia

74.7670, 73.2307, 90.3151



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

77.2329, 73.3544, 90.9771

Protanomaly

73.5817, 73.3167, 93.4924

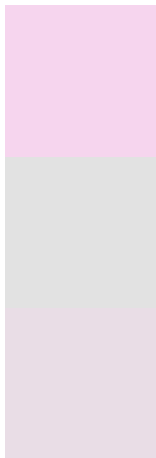
Deuteranomaly

75.5217, 73.2406, 90.2772

Tritanomaly

76.5540, 73.4461, 87.9836

Monochromacy



Original Color

77.2329, 73.3544, 90.9771

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7437, 74.7497, 85.4043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2329, 73.3544, 90.9771 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(246, 213, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 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(246, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.2329, 73.3544, 90.9771 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(246, 213, 238) }
```


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

```
.border{ border-color:rgb(246, 213, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 213, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 213, 238); box-shadow:4px 4px 4px 4px rgb(246, 213, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2329, 73.3544, 90.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 238) }
```

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

```
.background{ background-color: rgb(246,  
213, 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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