

Converting Colors

XYZ(77.4705, 73.0756,
104.3822)

Have a look what the booklet for
XYZ(77.4705, 73.0756, 104.3822)
contains.

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Color

**XYZ(77.4409, 73.1592,
104.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD5FF
RGB	239, 213, 255
RGB Percent	94%, 84%, 100%
CMY	0.0627, 0.1647, 0.0000
CMYK	0.06, 0.16, 0.00, 0.00
HSL	277°, 100%, 92%
HSV	277°, 16%, 100%
XYZ	77.4409, 73.1592, 104.6473
YIQ	225.5620, 2.0140, 18.5740

Conversions

Conversions Part 2

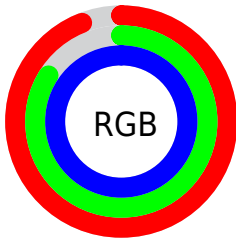
Format	Color
R _Y B	239, 213, 255
Decimal	15717887
CIE Lab	88.52, 16.46, -17.16
CIE LCh	89, 23.780, 313.816
Yxy	73.1592, 0.3034, 0.2866
Android (android.graphics.Color)	4293907967 (0xFFEFD5FF)
YUV	225.5620, 14.5129, 11.7851
Hunter-Lab	85.5332, 11.9292, -12.6664

Details

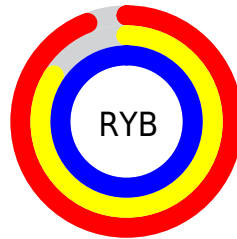
The XYZ color **77.4409, 73.1592, 104.6473** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.0850, 92.9829, 76.6808**, and the grayscale version is **71.8720, 75.6150, 82.3447**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9483, 38.5982, 58.6654** is the 20% darker color. If you saturate the color by 10%, you get **68.3328, 59.6808, 102.5258**, and if you desaturate by 10%, it is **87.7377, 88.7513, 107.1142**.

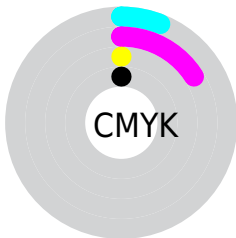
Distribution



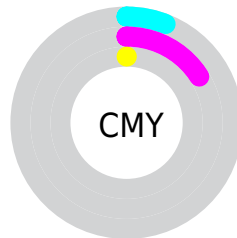
- Red (94%)
- Green (84%)
- Blue (100%)



- Red (94%)
- Yellow (84%)
- Blue (100%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4409, 73.1592, 104.6473 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 77.4409, 73.1592, 104.6473 by changing the saturation by 10% instead.

77.4409, 73.1592,
104.6473

77.4409, 73.1592,
104.6473

475.1349,
471.5664, 596.3653

57.9160, 54.1061,
79.5489

128.7312,
123.7032, 169.6365

41.9841, 38.6865,
58.8232

161.2273,
155.9629, 210.3643

29.2799, 26.5160,
42.0518

198.7779,
193.3937, 257.1391

19.4380, 17.2100,
28.8160

241.7483,
236.3798, 310.3793

12.0931, 10.3843,
18.6973

290.5038,
285.3058, 370.5035

6.8798, 5.6545,
11.2771

345.4098,

3.4327, 2.6362,

340.5559, 437.9302

6.1370

406.8317,
402.5147, 513.0779

■ 1.3865, 0.9449,
2.8585

■ 0.2466, 0.0000,
1.0228

■ 77.4409, 73.1592,
104.6473

■ 77.4409, 73.1592,
104.6473

■ 68.3328, 59.6808,
102.5258

■ 87.7377, 88.7513,
107.1142

■ 60.3576, 48.2117,
100.7323

95.0500, 100.0000,
108.9000

■ 53.4639, 38.6520,
99.2505

■ 47.5933, 30.8894,
98.0616

■ 42.6815, 24.7996,
97.1450

■ 38.6559, 20.2419,
96.4774

■ 35.4318, 17.0514,
96.0315

■ 32.9040, 15.0226,
95.7732

■ 32.1227, 14.4747,
95.7086

Harmonies

Analogous

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



72.1983, 73.1592, 114.3713



77.4409, 73.1592, 104.6473



80.6552, 73.1592, 88.7745

Triad

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



77.4409, 73.1592, 104.6473



72.6500, 73.1592, 53.0491



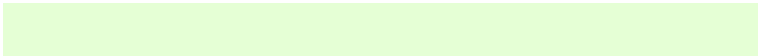
59.3820, 73.1592, 87.4282

Complementary

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



77.4409, 73.1592, 104.6473



80.0850, 92.9829, 76.6808

Split Complementary

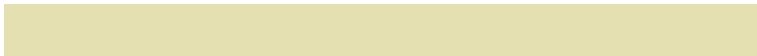
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4881, 73.1592, 71.1879



77.4409, 73.1592, 104.6473



66.9392, 73.1592, 52.7923

Square

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



77.4409, 73.1592, 104.6473



77.7871, 73.1592, 59.7593



62.1875, 73.1592, 59.0017



61.8893, 73.1592, 103.5458

Rectangle

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



77.4409, 73.1592, 104.6473



81.1108, 73.1592, 77.5776



62.1875, 73.1592, 59.0017



59.1176, 73.1592, 81.7751

Sweetspot

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



77.4429, 73.1622, 104.6478



89.3522, 91.2236, 107.5063



73.5400, 77.4627, 105.6836



18.9590, 19.2711, 22.9704



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.



77.4429, 73.1622, 104.6478



74.0929, 68.1654, 103.8599



82.3067, 75.7596, 100.8102



18.0831, 17.9346, 22.7586



16.9563, 7.6518, 50.0178



1.7727, 0.8078, 4.8758

Inverse Universe

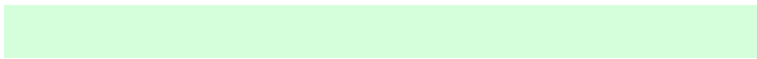
The Inverse Universe completely reimagines the original color for something new.



79.1788, 74.5084, 84.3394



76.2100, 69.7966, 79.5706



75.8445, 90.7239, 79.7783



18.2957, 18.1016, 20.1742



22.7466, 11.5879, 7.3162



2.2660, 1.1488, 0.9821

Previews

White Background



This preview shows how the XYZ color 77.4409, 73.1592, 104.6473 looks on a white background.

Color Contrast Check

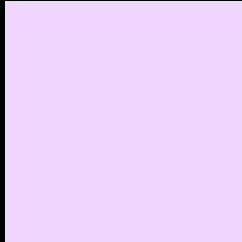
Large Text (above 18pt) WCAG AA × Fail

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 77.4409, 73.1592, 104.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

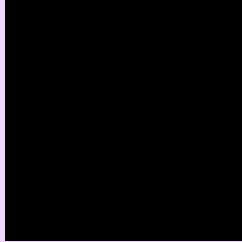
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4409, 73.1592, 104.6473

Background



This preview shows how black text looks on a background with the XYZ color 77.4409, 73.1592, 104.6473.

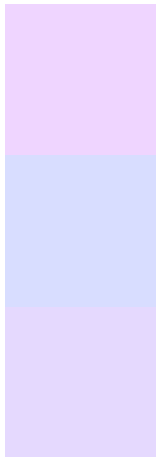


This preview shows how white text looks on a background with the XYZ color 77.4409, 73.1592,

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

77.4409, 73.1592, 104.6473

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

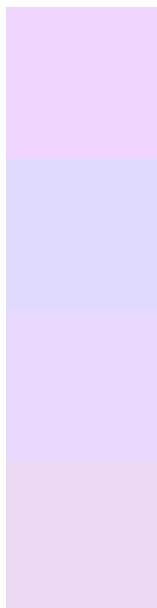
75.0153, 73.4395, 103.9874



Tritanopia

74.2562, 73.3991, 88.0956

Trichromacy



Original Color

77.4409, 73.1592, 104.6473

Protanomaly

73.8619, 73.2101, 104.8458

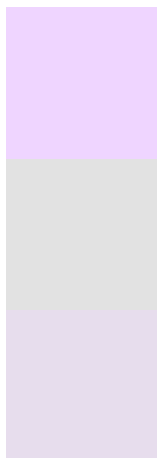
Deuteranomaly

76.0495, 73.5911, 103.9622

Tritanomaly

75.5079, 73.5271, 94.2168

Monochromacy



Original Color

77.4409, 73.1592, 104.6473

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.0975, 74.8163, 90.6564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4409, 73.1592, 104.6473 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(239, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 255)  
}
```

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(239, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.4409, 73.1592, 104.6473 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(239, 213, 255) }
```


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

```
.border{ border-color:rgb(239, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4409, 73.1592, 104.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 255) }
```

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

```
.background{ background-color: rgb(239,  
213, 255) }
```

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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