

Converting Colors

XYZ(79.4020, 77.5676,
105.3948)

Have a look what the booklet for
XYZ(79.4020, 77.5676, 105.3948)
contains.

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Color

**XYZ(79.4312, 77.6397,
105.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDEFF
RGB	238, 222, 255
RGB Percent	93%, 87%, 100%
CMY	0.0667, 0.1294, 0.0000
CMYK	0.07, 0.13, 0.00, 0.00
HSL	269°, 100%, 94%
HSV	269°, 13%, 100%
XYZ	79.4312, 77.6397, 105.4072
YIQ	230.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

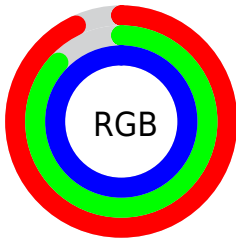
Format	Color
R _Y B	238, 222, 255
Decimal	15654655
CIE Lab	90.62, 11.42, -14.03
CIE LCh	91, 18.087, 309.134
Yxy	77.6397, 0.3026, 0.2958
Android (android.graphics.Color)	4293844735 (0xFFEEDEFF)
YUV	230.5460, 12.0558, 6.5372
Hunter-Lab	88.1134, 6.7132, -9.2473

Details

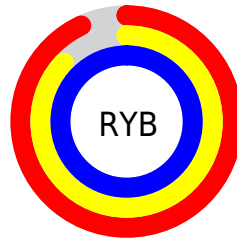
The XYZ color **79.4312, 77.6397, 105.4072** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5432, 95.1455, 83.0200**, and the grayscale version is **75.5342, 79.4678, 86.5404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3032, 41.6597, 59.1849** is the 20% darker color. If you saturate the color by 10%, you get **68.9134, 62.9141, 103.1193**, and if you desaturate by 10%, it is **91.2993, 94.5861, 108.0527**.

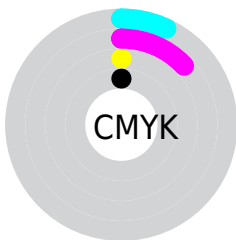
Distribution



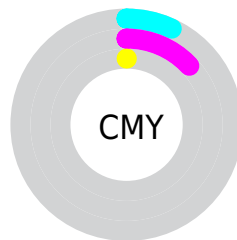
- Red (93%)
- Green (87%)
- Blue (100%)



- Red (93%)
- Yellow (87%)
- Blue (100%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4312, 77.6397, 105.4072 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 79.4312, 77.6397, 105.4072 by changing the saturation by 10% instead.

79.4312, 77.6397,
105.4072

79.4312, 77.6397,
105.4072

481.7796,
486.9423, 598.7871

59.5573, 57.7781,
80.1820

131.5205,
130.0421, 170.6847

43.3100, 41.6302,
59.3411

164.4665,
163.3516, 211.5741

30.3240, 28.8119,
42.4659

202.5006,
201.9126, 258.5220

20.2339, 18.9386,
29.1380

245.9881,
246.1093, 311.9468

12.6744, 11.6259,
18.9388

295.2944,
296.3263, 372.2672

7.2802, 6.4895,
11.4497

350.7849,

3.6858, 3.1449,

352.9478, 439.9017

6.2522

412.8248,
416.3584, 515.2688

■ 1.5260, 1.2079,
2.9278

■ 0.3434, 0.0681,
1.0579

■ 79.4312, 77.6397,
105.4072

■ 79.4312, 77.6397,
105.4072

■ 68.9134, 62.9141,
103.1193

■ 91.2993, 94.5861,
108.0527

■ 59.6870, 50.3046,
101.1716

95.0500, 100.0000,
108.9000

■ 51.6977, 39.7119,
99.5481

■ 44.8846, 31.0252,
98.2305

■ 39.1809, 24.1222,
97.1987

■ 34.5124, 18.8663,
96.4303

■ 30.7942, 15.0998,
95.8992

■ 27.9246, 12.6318,
95.5741

■ 26.3090, 11.4777,
95.4365

Harmonies

Analogous

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



75.1861, 77.6397, 111.6448



79.4312, 77.6397, 105.4072



82.2391, 77.6397, 93.7395

Triad

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



79.4312, 77.6397, 105.4072



76.9413, 77.6397, 63.2972



65.5215, 77.6397, 88.5601

Complementary

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



79.4312, 77.6397, 105.4072



84.5432, 95.1455, 83.0200

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.



65.9482, 77.6397, 75.9563



79.4312, 77.6397, 105.4072



72.4196, 77.6397, 62.2149

Square

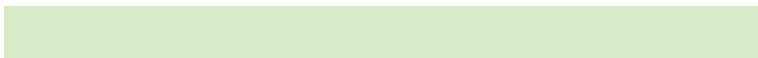
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



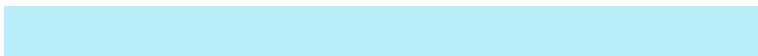
79.4312, 77.6397, 105.4072



80.7612, 77.6397, 69.7448



68.4304, 77.6397, 66.6202



67.2399, 77.6397, 101.2842

Rectangle

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



79.4312, 77.6397, 105.4072



82.8537, 77.6397, 84.9139



68.4304, 77.6397, 66.6202



65.4204, 77.6397, 84.1600

Sweetspot

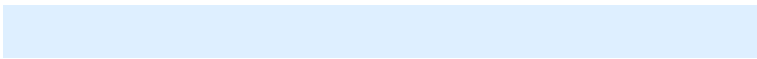
The Sweet Spot groups the original color and five complimentary colors.



79.4333, 77.6429, 105.4077



89.9750, 92.6808, 107.7547



79.0577, 84.5142, 106.7538



19.0594, 19.5517, 23.0193



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.



79.4333, 77.6429, 105.4077



76.0727, 72.9036, 104.6701



85.2107, 80.6213, 105.6781



17.8413, 17.8099, 22.7473



13.9178, 6.0854, 49.8756



1.4806, 0.6572, 4.8621

Inverse Universe

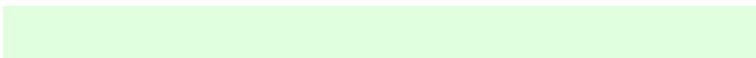
The Inverse Universe completely reimagines the original color for something new.



82.9432, 79.7376, 92.6832



80.3643, 75.4653, 89.0939



79.2401, 92.4116, 82.7718



18.4001, 18.1433, 20.7239



23.7783, 12.0006, 12.7492



2.3704, 1.1905, 1.5321

Previews

White Background



This preview shows how the XYZ color 79.4312, 77.6397, 105.4072 looks on a white background.

Color Contrast Check

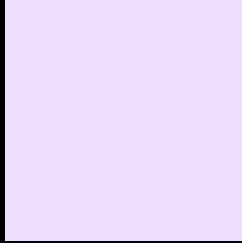
Large Text (above 18pt) WCAG AA × Fail

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 79.4312, 77.6397, 105.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

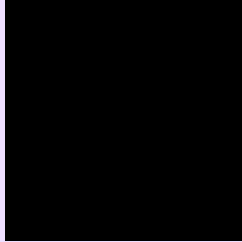
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4312, 77.6397, 105.4072

Background



This preview shows how black text looks on a background with the XYZ color 79.4312, 77.6397, 105.4072.

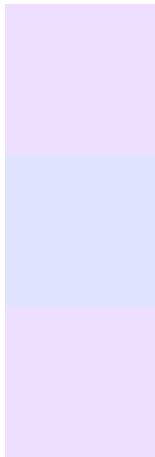


This preview shows how white text looks on a background with the XYZ color 79.4312, 77.6397,

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

79.4312, 77.6397, 105.4072

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

79.4312, 77.6397, 105.4072



Tritanopia

77.2747, 77.5550, 94.9012

Trichromacy



Original Color

79.4312, 77.6397, 105.4072

Protanomaly

77.2883, 77.7284, 105.5373

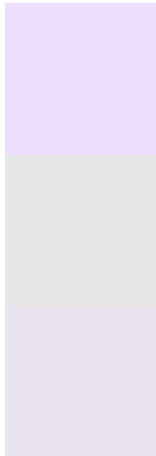
Deuteranomaly

79.4312, 77.6397, 105.4072

Tritanomaly

78.1012, 77.4953, 98.8374

Monochromacy



Original Color

79.4312, 77.6397, 105.4072

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.4033, 79.2705, 93.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4312, 77.6397, 105.4072 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(238, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 222, 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(238, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.4312, 77.6397, 105.4072 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(238, 222, 255) }
```


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

```
.border{ border-color:rgb(238, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4312, 77.6397, 105.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 222, 255) }
```

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

```
.background{ background-color: rgb(238,  
222, 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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