

Converting Colors

XYZ(82.7009, 79.1614,
125.7627)

Have a look what the booklet for
XYZ(82.7009, 79.1614, 125.7627)
contains.

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Color

**XYZ(79.0297, 77.8282,
105.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>ECDFFF</code>
RGB	<code>236, 223, 255</code>
RGB Percent	<code>93%, 87%, 100%</code>
CMY	<code>0.0745, 0.1255, 0.0000</code>
CMYK	<code>0.07, 0.13, 0.00, 0.00</code>
HSL	<code>264°, 100%, 94%</code>
HSV	<code>264°, 13%, 100%</code>
XYZ	<code>79.0297, 77.8282, 105.4648</code>
YIQ	<code>230.5350, -2.5240, 12.7080</code>

Conversions

Conversions Part 2

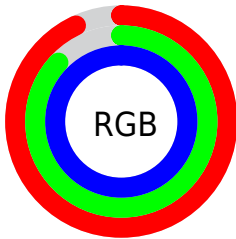
Format	Color
R _Y B	236, 223, 255
Decimal	15523839
CIE Lab	90.70, 10.25, -13.92
CIE LCh	91, 17.283, 306.370
Yxy	77.8282, 0.3013, 0.2967
Android (android.graphics.Color)	4293713919 (0xFFECDFFF)
YUV	230.5350, 12.0612, 4.7928
Hunter-Lab	88.2203, 5.5188, -9.1253

Details

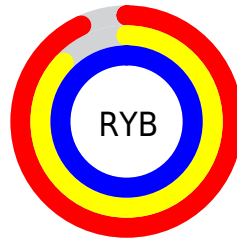
The XYZ color **79.0297, 77.8282, 105.4648** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6992, 95.7259, 83.7759**, and the grayscale version is **75.5267, 79.4600, 86.5319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0181, 41.7858, 59.2242** is the 20% darker color. If you saturate the color by 10%, you get **67.9074, 62.7326, 103.1372**, and if you desaturate by 10%, it is **91.6084, 95.2019, 108.1553**.

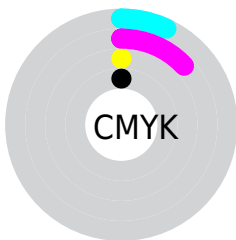
Distribution



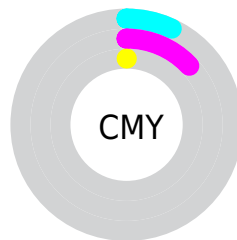
- Red (93%)
- Green (87%)
- Blue (100%)



- 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 79.0297, 77.8282, 105.4648 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 79.0297, 77.8282, 105.4648 by changing the saturation by 10% instead.


 79.0297, 77.8282,
105.4648

 79.0297, 77.8282,
105.4648


480.4433,
487.5832, 598.9705

 59.2259, 57.9329,
80.2300


130.9584,
130.3079, 170.7641

 43.0421, 41.7547,
59.3803


163.8140,
163.6611, 211.6658

 30.1128, 28.9092,
42.4973


201.7510,
202.2690, 258.6267

 20.0727, 19.0122,
29.1624

245.1346,
246.5160, 312.0655

 12.5565, 11.6791,
18.9571

294.3303,
296.7865, 372.4008

 7.1987, 6.5255,
11.4628

349.7034,

 3.6341, 3.1672,

353.4650, 440.0510

6.2610

411.6193,
416.9357, 515.4347

■ 1.4973, 1.2196,
2.9331

■ 0.3240, 0.0777,
1.0606

■ 79.0297, 77.8282,
105.4648

■ 79.0297, 77.8282,
105.4648

■ 67.9074, 62.7326,
103.1372

■ 91.6084, 95.2019,
108.1553

■ 58.1790, 49.8086,
101.1554

95.0500, 100.0000,
108.9000

■ 49.7865, 38.9555,
99.5029

■ 42.6650, 30.0604,
98.1613

■ 36.7438, 22.9996,
97.1105

■ 31.9443, 17.6345,
96.3279

■ 28.1771, 13.8059,
95.7874

■ 25.3359, 11.3218,
95.4577

■ 23.7106, 10.1382,
95.3149

Harmonies

Analogous

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



74.9024, 77.8282, 110.7635



79.0297, 77.8282, 105.4648



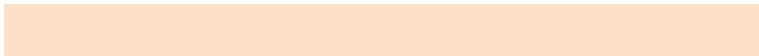
81.8798, 77.8282, 94.6803

Triad

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



79.0297, 77.8282, 105.4648



77.3668, 77.8282, 64.6897



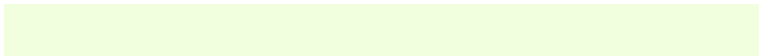
65.9909, 77.8282, 87.4191

Complementary

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



79.0297, 77.8282, 105.4648



85.6992, 95.7259, 83.7759

Split Complementary

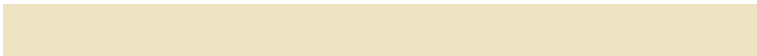
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5931, 77.8282, 75.5241



79.0297, 77.8282, 105.4648



73.0520, 77.8282, 63.1524

Square

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



79.0297, 77.8282, 105.4648



80.8937, 77.8282, 71.3531



69.1374, 77.8282, 66.9282



67.4594, 77.8282, 99.7084

Rectangle

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



79.0297, 77.8282, 105.4648



82.6123, 77.8282, 86.2630



69.1374, 77.8282, 66.9282



65.9587, 77.8282, 83.2383

Sweetspot

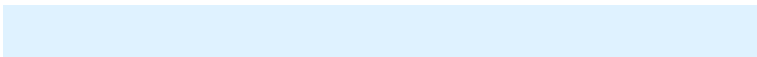
The Sweet Spot groups the original color and five complimentary colors.



79.0318, 77.8314, 105.4653



89.6887, 92.5332, 107.7413



80.2954, 86.5335, 107.0784



18.9870, 19.5144, 23.0159



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.



79.0318, 77.8314, 105.4653



76.1706, 73.9209, 104.8613



84.5118, 80.6564, 105.7217



17.7016, 17.7379, 22.7407



12.5478, 5.3791, 49.8115



1.3417, 0.5856, 4.8556

Inverse Universe

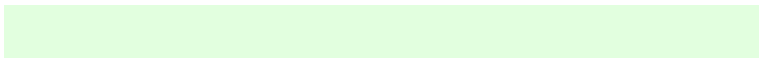
The Inverse Universe completely reimagines the original color for something new.



83.6567, 80.4492, 95.1262



81.6369, 77.0163, 92.5830



80.5083, 93.0499, 83.5330



18.4621, 18.1681, 21.0505



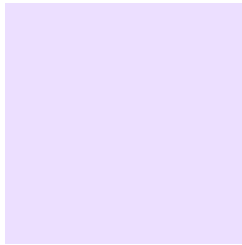
24.5612, 12.3138, 16.8717



2.4456, 1.2206, 1.9281

Previews

White Background



This preview shows how the XYZ color 79.0297, 77.8282, 105.4648 looks on a white background.

Color Contrast Check

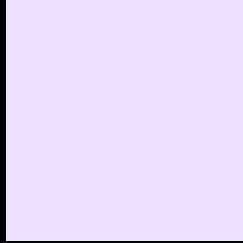
Large Text (above 18pt) WCAG AA × Fail

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 79.0297, 77.8282, 105.4648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

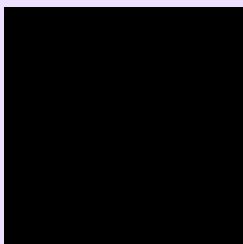
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0297, 77.8282, 105.4648

Background



This preview shows how black text looks on a background with the XYZ color 79.0297, 77.8282, 105.4648.



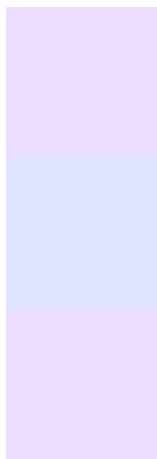
This preview shows how white text looks on a background with the XYZ color 79.0297, 77.8282,

105.4648.

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

79.0297, 77.8282, 105.4648

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

79.4312, 77.6397, 105.4072



Tritanopia

77.0346, 77.8139, 95.7534

Trichromacy



Original Color

79.0297, 77.8282, 105.4648

Protanomaly

77.2413, 78.1067, 105.6128

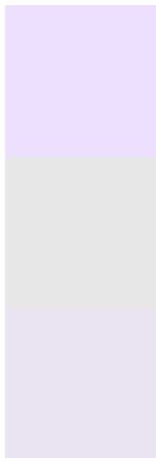
Deuteranomaly

79.0963, 77.4671, 105.3916

Tritanomaly

77.7051, 77.6889, 98.8956

Monochromacy



Original Color

79.0297, 77.8282, 105.4648

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0759, 79.1017, 93.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0297, 77.8282, 105.4648 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(236, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 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(236, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.0297, 77.8282, 105.4648 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(236, 223, 255) }
```


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

```
.border{ border-color:rgb(236, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0297, 77.8282, 105.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 255) }
```

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

```
.background{ background-color: rgb(236,  
223, 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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