

Converting Colors

XYZ(79.6225, 77.6792,
105.4048)

Have a look what the booklet for
XYZ(79.6225, 77.6792, 105.4048)
contains.

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Color

**XYZ(79.7679, 77.8133,
105.4230)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDEFF
RGB	239, 222, 255
RGB Percent	94%, 87%, 100%
CMY	0.0627, 0.1294, 0.0000
CMYK	0.06, 0.13, 0.00, 0.00
HSL	271°, 100%, 94%
HSV	271°, 13%, 100%
XYZ	79.7679, 77.8133, 105.4230
YIQ	230.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

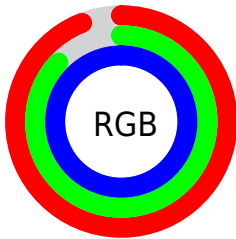
Format	Color
R_{YB}	239, 222, 255
Decimal	15720191
CIE _{Lab}	90.69, 11.74, -13.90
CIE _{LCh}	91, 18.195, 310.174
Yxy	77.8133, 0.3033, 0.2959
Android (android.graphics.Color)	4293910271 (0xFFEFDEFF)
YUV	230.8450, 11.9084, 7.1519
Hunter-Lab	88.2118, 7.0426, -9.1099

Details

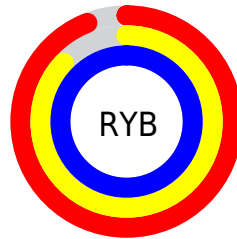
The XYZ color **79.7679, 77.8133, 105.4230** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2066, 94.9720, 83.0043**, and the grayscale version is **75.7568, 79.7021, 86.7956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5402, 41.7819, 59.1960** is the 20% darker color. If you saturate the color by 10%, you get **69.4686, 63.2003, 103.1452**, and if you desaturate by 10%, it is **91.3812, 94.6284, 108.0565**.

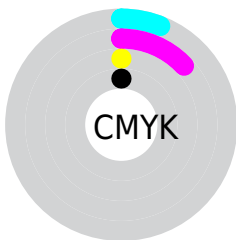
Distribution



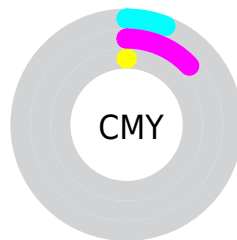
- Red (94%)
- Green (87%)
- Blue (100%)



- Red (94%)
- Yellow (87%)
- Blue (100%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7679, 77.8133, 105.4230 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 79.7679, 77.8133, 105.4230 by changing the saturation by 10% instead.


 79.7679, 77.8133,
105.4230

 79.7679, 77.8133,
105.4230

482.8988,
487.5325, 598.8374

 59.8352, 57.9206,
80.1951


131.9916,
130.2869, 170.7065

 43.5348, 41.7448,
59.3518


165.0133,
163.6366, 211.5992

 30.5013, 28.9015,
42.4745

203.1287,
202.2408, 258.5507

 20.3693, 19.0064,
29.1447

246.7032,
246.4838, 311.9794

 12.7736, 11.6749,
18.9438

296.1021,
296.7501, 372.3039

 7.3488, 6.5227,
11.4533

351.6907,

 3.7294, 3.1654,

353.4241, 439.9427

6.2546

413.8345,
416.8901, 515.3143

■ 1.5502, 1.2187,
2.9292

■ 0.3596, 0.0769,
1.0586

■ 79.7679, 77.8133,
105.4230

■ 79.7679, 77.8133,
105.4230

■ 69.4686, 63.2003,
103.1452

■ 91.3812, 94.6284,
108.0565

■ 60.4254, 50.6852,
101.2062

95.0500, 100.0000,
108.9000

■ 52.5855, 40.1696,
99.5897

■ 45.8889, 31.5430,
98.2775

■ 40.2706, 24.6840,
97.2497

■ 35.6575, 19.4566,
96.4839

■ 31.9662, 15.7039,
95.9541

■ 29.0966, 13.2360,
95.6290

■ 27.4657, 12.0740,
95.4906

Harmonies

Analogous

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



75.5207, 77.8133, 111.9574



79.7679, 77.8133, 105.4230



82.5283, 77.8133, 93.5413

Triad

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



79.7679, 77.8133, 105.4230



76.9766, 77.8133, 63.2077



65.6511, 77.8133, 89.2442

Complementary

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



79.7679, 77.8133, 105.4230



84.2066, 94.9720, 83.0043

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.



66.0048, 77.8133, 76.4817



79.7679, 77.8133, 105.4230



72.4194, 77.8133, 62.3115

Square

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



79.7679, 77.8133, 105.4230



80.8713, 77.8133, 69.5201



68.4396, 77.8133, 66.9314



67.4526, 77.8133, 102.0005

Rectangle

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



79.7679, 77.8133, 105.4230



83.0892, 77.8133, 84.6491



68.4396, 77.8133, 66.9314



65.5238, 77.8133, 84.8019

Sweetspot

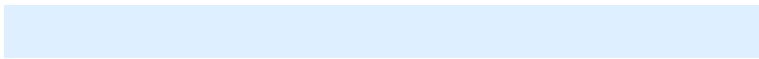
The Sweet Spot groups the original color and five complimentary colors.



79.7700, 77.8165, 105.4235



90.0858, 92.7379, 107.7599



78.8970, 84.1927, 106.7002



19.0874, 19.5661, 23.0206



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.



79.7700, 77.8165, 105.4235



76.4800, 73.1136, 104.6892



85.4127, 80.7254, 105.6876



17.8955, 17.8379, 22.7498



14.5247, 6.3982, 49.9040



1.5404, 0.6880, 4.8649

Inverse Universe

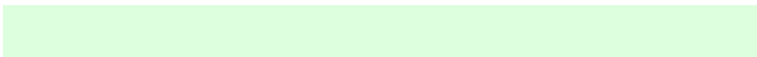
The Inverse Universe completely reimagines the original color for something new.



82.7959, 79.6787, 91.9073



80.1860, 75.3939, 88.1551



79.0714, 92.3247, 82.7640



18.3763, 18.1339, 20.5990



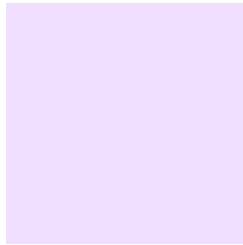
23.5127, 11.8944, 11.3502



2.3443, 1.1801, 1.3944

Previews

White Background



This preview shows how the XYZ color 79.7679, 77.8133, 105.4230 looks on a white background.

Color Contrast Check

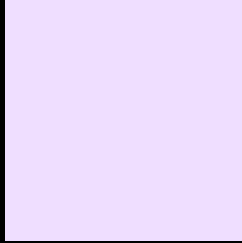
Large Text (above 18pt) WCAG AA × Fail

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 79.7679, 77.8133, 105.4230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

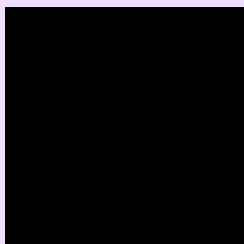
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7679, 77.8133, 105.4230

Background



This preview shows how black text looks on a background with the XYZ color 79.7679, 77.8133, 105.4230.

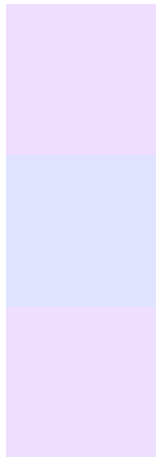


This preview shows how white text looks on a background with the XYZ color 79.7679, 77.8133,

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

79.7679, 77.8133, 105.4230

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

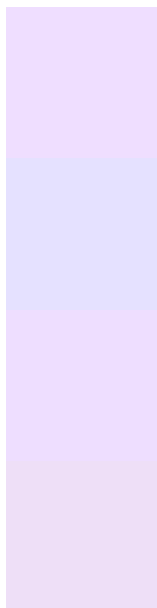
79.4312, 77.6397, 105.4072



Tritanopia

77.6077, 77.7266, 94.9168

Trichromacy



Original Color

79.7679, 77.8133, 105.4230

Protanomaly

77.2883, 77.7284, 105.5373

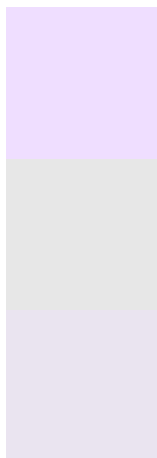
Deuteranomaly

79.4312, 77.6397, 105.4072

Tritanomaly

78.4361, 77.6679, 98.8531

Monochromacy



Original Color

79.7679, 77.8133, 105.4230

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 79.7679, 77.8133, 105.4230 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.7679, 77.8133, 105.4230 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, 222, 255) }
```


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

```
.border{ border-color:rgb(239, 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(239, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7679, 77.8133, 105.4230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 255) }
```

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

```
.background{ background-color: rgb(239,  
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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