

Converting Colors

XYZ(79.6649, 77.2281,
106.6843)

Have a look what the booklet for
XYZ(79.6649, 77.2281, 106.6843)
contains.

XYZ(79.5031, 77.2836, 105.3347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.5031, 77.2836,
105.3347)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDDFF
RGB	239, 221, 255
RGB Percent	94%, 87%, 100%
CMY	0.0627, 0.1333, 0.0000
CMYK	0.06, 0.13, 0.00, 0.00
HSL	272°, 100%, 93%
HSV	272°, 13%, 100%
XYZ	79.5031, 77.2836, 105.3347
YIQ	230.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

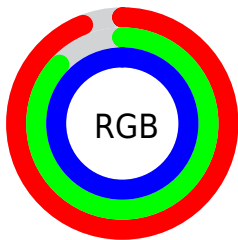
Format	Color
R _Y B	239, 221, 255
Decimal	15719935
CIE _{Lab}	90.45, 12.26, -14.27
CIE _{LCh}	90, 18.811, 310.679
Y _{xy}	77.2836, 0.3033, 0.2948
Android (android.graphics.Color)	4293910015 (0xFFEFDDFF)
Y _{UV}	230.2580, 12.1978, 7.6667
Hunter-Lab	87.9111, 7.5835, -9.5033

Details

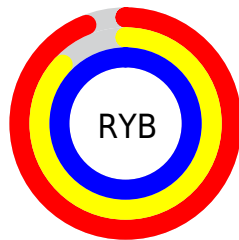
The XYZ color **79.5031, 77.2836, 105.3347** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7379, 94.7458, 82.2846**, and the grayscale version is **75.3193, 79.2417, 86.2942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3577, 41.4169, 59.1352** is the 20% darker color. If you saturate the color by 10%, you get **69.3577, 62.8082, 103.0754**, and if you desaturate by 10%, it is **90.9442, 93.9490, 107.9484**.

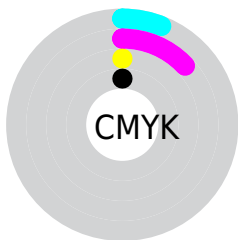
Distribution



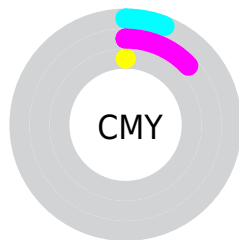
- Red (94%)
- Green (87%)
- Blue (100%)



- 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 79.5031, 77.2836, 105.3347 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 79.5031, 77.2836, 105.3347 by changing the saturation by 10% instead.

79.5031, 77.2836,
105.3347

79.5031, 77.2836,
105.3347

482.0187,
485.7304, 598.5563

59.6166, 57.4857,
80.1216

131.6211,
129.5397, 170.5847

43.3580, 41.3953,
59.2916

164.5833,
162.7667, 211.4587

30.3618, 28.6281,
42.4264

202.6348,
201.2389, 258.3901

20.2628, 18.7997,
29.1072

246.1409,
245.3405, 311.7974

12.6956, 11.5256,
18.9157

295.4670,
295.4561, 372.0991

7.2948, 6.4215,
11.4332

350.9784,

3.6951, 3.1031,

351.9700, 439.7138

6.2412

413.0406,
415.2667, 515.0600

■ 1.5311, 1.1858,
2.9211

■ 0.3469, 0.0500,
1.0545

■ 79.5031, 77.2836,
105.3347

■ 79.5031, 77.2836,
105.3347

■ 69.3577, 62.8082,
103.0754

■ 90.9442, 93.9490,
107.9484

■ 60.4506, 50.4188,
101.1534

95.0500, 100.0000,
108.9000

■ 52.7290, 40.0167,
99.5526

■ 46.1336, 31.4914,
98.2547

■ 40.5995, 24.7215,
97.2396

■ 36.0540, 19.5705,
96.4850

■ 32.4137, 15.8806,
95.9646

■ 29.5783, 13.4607,
95.6470

■ 28.0413, 12.3707,
95.5176

Harmonies

Analogous

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



75.1426, 77.2836, 112.2202



79.5031, 77.2836, 105.3347



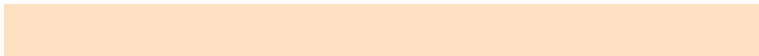
82.3151, 77.2836, 93.0026

Triad

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



79.5031, 77.2836, 105.3347



76.4855, 77.2836, 62.0182



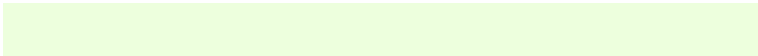
64.9309, 77.2836, 89.0347

Complementary

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



79.5031, 77.2836, 105.3347



83.7379, 94.7458, 82.2846

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.



65.2560, 77.2836, 75.8753



79.5031, 77.2836, 105.3347



71.7944, 77.2836, 61.1985

Square

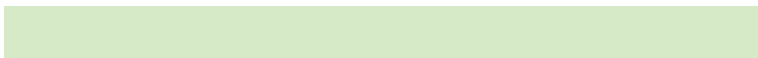
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5031, 77.2836, 105.3347



80.5222, 77.2836, 68.3857



67.7231, 77.2836, 66.0129



66.8153, 77.2836, 102.1649

Rectangle

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



79.5031, 77.2836, 105.3347



82.8646, 77.2836, 83.8425



67.7231, 77.2836, 66.0129



64.7875, 77.2836, 84.4556

Sweetspot

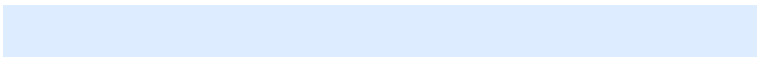
The Sweet Spot groups the original color and five complimentary colors.



79.5052, 77.2868, 105.3352



90.1380, 92.7648, 107.7624



78.2810, 83.4142, 106.5824



19.1006, 19.5730, 23.0212



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.



79.5052, 77.2868, 105.3352



76.6728, 73.2130, 104.6982



85.0567, 80.1593, 105.1196



17.9211, 17.8511, 22.7510



14.8262, 6.5537, 49.9181



1.5698, 0.7032, 4.8663

Inverse Universe

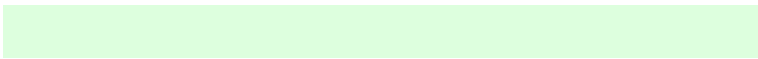
The Inverse Universe completely reimagines the original color for something new.



82.3844, 79.0903, 91.0470



80.1025, 75.3605, 87.7152



78.7079, 92.1440, 82.4440



18.3652, 18.1294, 20.5403



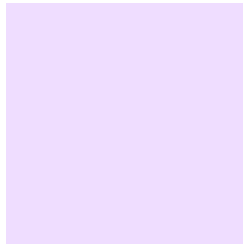
23.3943, 11.8470, 10.7269



2.3325, 1.1754, 1.3323

Previews

White Background



This preview shows how the XYZ color 79.5031, 77.2836, 105.3347 looks on a white background.

Color Contrast Check

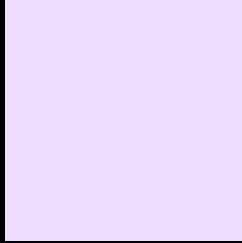
Large Text (above 18pt) WCAG AA × Fail

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 79.5031, 77.2836, 105.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

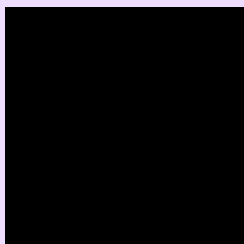
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5031, 77.2836, 105.3347

Background



This preview shows how black text looks on a background with the XYZ color 79.5031, 77.2836, 105.3347.

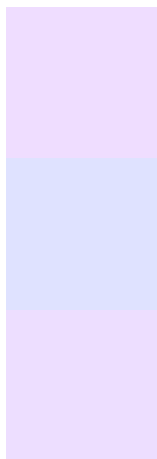


This preview shows how white text looks on a background with the XYZ color 79.5031, 77.2836,

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

79.5031, 77.2836, 105.3347

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

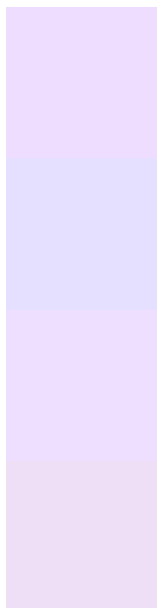
79.0963, 77.4671, 105.3916



Tritanopia

77.1899, 77.1308, 94.0385

Trichromacy



Original Color

79.5031, 77.2836, 105.3347

Protanomaly

77.0188, 77.1893, 105.4474

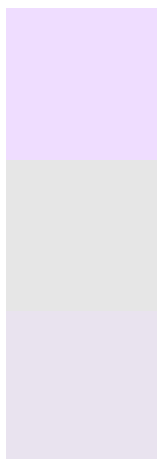
Deuteranomaly

79.4312, 77.6397, 105.4072

Tritanomaly

78.0157, 77.0735, 97.9536

Monochromacy



Original Color

79.5031, 77.2836, 105.3347

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.6533, 78.4938, 92.7721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5031, 77.2836, 105.3347 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 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, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.5031, 77.2836, 105.3347 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, 221, 255) }
```


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

```
.border{ border-color:rgb(239, 221, 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, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5031, 77.2836, 105.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 255) }
```

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

```
.background{ background-color: rgb(239,  
221, 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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