

Converting Colors

XYZ(103.1361, 89.3612,
228.1241)

Have a look what the booklet for
XYZ(103.1361, 89.3612, 228.1241)
contains.

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Color

**XYZ(79.7800, 79.8203,
105.8097)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE3FF
RGB	235, 227, 255
RGB Percent	92%, 89%, 100%
CMY	0.0784, 0.1098, 0.0000
CMYK	0.08, 0.11, 0.00, 0.00
HSL	257°, 100%, 95%
HSV	257°, 11%, 100%
XYZ	79.7800, 79.8203, 105.8097
YIQ	232.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

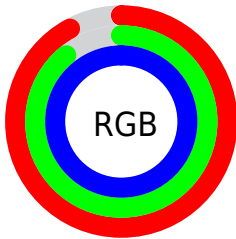
Format	Color
R_{YB}	235, 227, 255
Decimal	15459327
CIE _{Lab}	91.60, 7.84, -12.58
CIE _{LCh}	92, 14.820, 301.944
Yxy	79.8203, 0.3006, 0.3007
Android (android.graphics.Color)	4293649407 (0xFFE3E3FF)
YUV	232.5840, 11.0511, 2.1188
Hunter-Lab	89.3422, 3.0465, -7.6787

Details

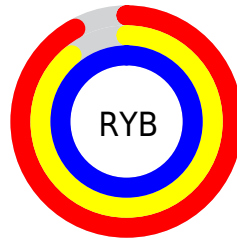
The XYZ color **79.7800, 79.8203, 105.8097** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.9848, 96.8411, 86.7318**, and the grayscale version is **77.0633, 81.0765, 88.2924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5360, 43.1660, 59.4634** is the 20% darker color. If you saturate the color by 10%, you get **67.6064, 63.9482, 103.3877**, and if you desaturate by 10%, it is **93.6067, 98.0822, 108.6059**.

Distribution



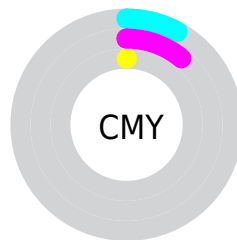
- Red (92%)
- Green (89%)
- Blue (100%)



- Red (92%)
- Yellow (89%)
- Blue (100%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7800, 79.8203, 105.8097 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 79.7800, 79.8203, 105.8097 by changing the saturation by 10% instead.

79.7800, 79.8203,
105.8097

79.7800, 79.8203,
105.8097

482.9389,
494.3270, 600.0679

59.8452, 59.5705,
80.5174

132.0085,
133.1131, 171.2396

43.5428, 43.0725,
59.6156

165.0329,
166.9248, 212.2144

30.5076, 29.9420,
42.6856

203.1513,
206.0260, 259.2537

20.3742, 19.7946,
29.3089

246.7289,
250.8009, 312.7762

12.7772, 12.2458,
19.0671

296.1311,
301.6341, 373.2003

7.3512, 6.9113,
11.5414

351.7232,

3.7310, 3.4067,

358.9100, 440.9445

6.3135

413.8708,
423.0128, 516.4276

■ 1.5511, 1.3476,
2.9648

■ 0.3602, 0.1776,
1.0767

■ 79.7800, 79.8203,
105.8097

■ 79.7800, 79.8203,
105.8097

■ 67.6064, 63.9482,
103.3877

■ 93.6067, 98.0822,
108.6059

■ 57.0157, 50.3561,
101.3224

■ 95.0500, 100.0000,
108.9000

■ 47.9421, 38.9402,
99.5971

■ 40.3127, 29.5845,
98.1934

■ 34.0479, 22.1620,
97.0909

■ 29.0601, 16.5316,
96.2670

■ 25.2503, 12.5318,
95.6958

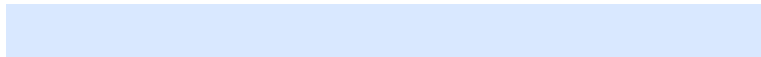
■ 22.5027, 9.9705,
95.3462

■ 20.7856, 8.6303,
95.1780

Harmonies

Analogous

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



76.1137, 79.8203, 109.4327



79.7800, 79.8203, 105.8097



82.4674, 79.8203, 97.0795

Triad

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



79.7800, 79.8203, 105.8097



79.3390, 79.8203, 69.7957



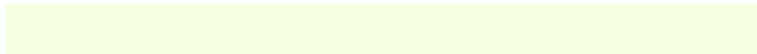
68.8281, 79.8203, 87.6191

Complementary

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



79.7800, 79.8203, 105.8097



87.9848, 96.8411, 86.7318

Split Complementary

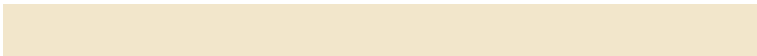
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6282, 79.8203, 77.4781



79.7800, 79.8203, 105.8097



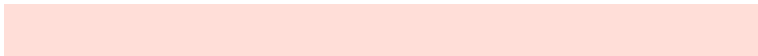
75.6204, 79.8203, 67.7125

Square

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



79.7800, 79.8203, 105.8097



82.2068, 79.8203, 76.3502



72.0837, 79.8203, 70.4078



69.8614, 79.8203, 98.4028

Rectangle

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



79.7800, 79.8203, 105.8097



83.2977, 79.8203, 89.8624



72.0837, 79.8203, 70.4078



68.8915, 79.8203, 84.0244

Sweetspot

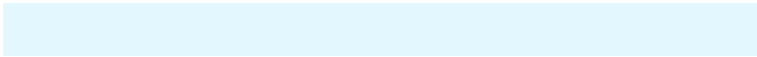
The Sweet Spot groups the original color and five complimentary colors.



79.7821, 79.8236, 105.8103



90.6759, 94.1940, 108.0099



83.0118, 90.1150, 107.6265



19.1637, 19.8373, 23.0689



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.



79.7821, 79.8236, 105.8103



77.1896, 76.4250, 105.2909



84.5641, 82.2888, 106.0341



17.4903, 17.6290, 22.7308



10.9869, 4.5744, 49.7385



1.1717, 0.4980, 4.8476

Inverse Universe

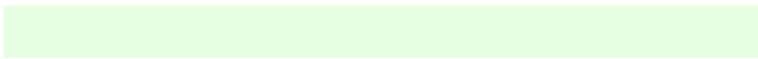
The Inverse Universe completely reimagines the original color for something new.



85.4996, 82.9167, 99.4966



83.8840, 80.0479, 97.8412



83.2533, 94.4019, 86.5104



18.5584, 18.2067, 21.5578



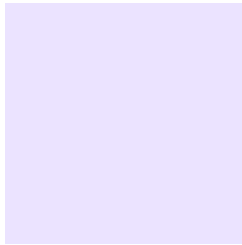
26.0369, 12.9040, 24.6425



2.5822, 1.2753, 2.6475

Previews

White Background



This preview shows how the XYZ color 79.7800, 79.8203, 105.8097 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 79.7800, 79.8203, 105.8097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

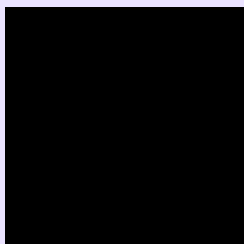
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7800, 79.8203, 105.8097

Background



This preview shows how black text looks on a background with the XYZ color 79.7800, 79.8203, 105.8097.



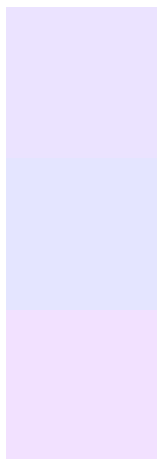
This preview shows how white text looks on a background with the XYZ color 79.7800, 79.8203,

105.8097.

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

79.7800, 79.8203, 105.8097

Protanopia

78.0642, 79.7526, 105.8871

Deuteranopia

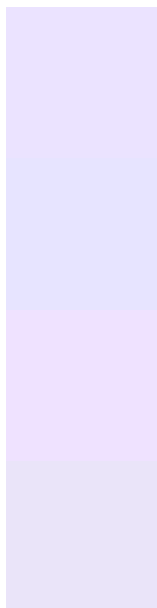
81.5932, 79.9477, 105.7388



Tritanopia

78.3096, 79.6331, 98.4321

Trichromacy



Original Color

79.7800, 79.8203, 105.8097

Protanomaly

78.7484, 79.6957, 105.8401

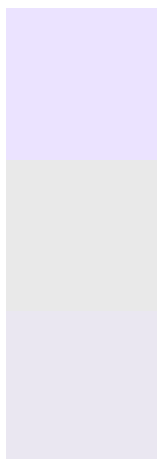
Deuteranomaly

80.8430, 79.9634, 105.7813

Tritanomaly

78.7740, 79.8188, 100.8773

Monochromacy



Original Color

79.7800, 79.8203, 105.8097

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3848, 80.9951, 94.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7800, 79.8203, 105.8097 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(235, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 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(235, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.7800, 79.8203, 105.8097 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(235, 227, 255) }
```


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

```
.border{ border-color:rgb(235, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 227, 255); box-shadow:4px 4px 4px 4px rgb(235, 227, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7800, 79.8203, 105.8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 255) }
```

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

```
.background{ background-color: rgb(235,  
227, 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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