

Converting Colors

XYZ(80.2098, 80.5177,
109.2191)

Have a look what the booklet for
XYZ(80.2098, 80.5177, 109.2191)
contains.

| | |
|--|----|
| XYZ(79.3977, 80.0304, 105.8705) | 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(79.3977, 80.0304,
105.8705)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9E4FF |
| RGB | 233, 228, 255 |
| RGB Percent | 91%, 89%, 100% |
| CMY | 0.0863, 0.1059, 0.0000 |
| CMYK | 0.09, 0.11, 0.00, 0.00 |
| HSL | 251°, 100%, 95% |
| HSV | 251°, 11%, 100% |
| XYZ | 79.3977, 80.0304, 105.8705 |
| YIQ | 232.5730, -5.6870, 9.4570 |

Conversions

Conversions Part 2

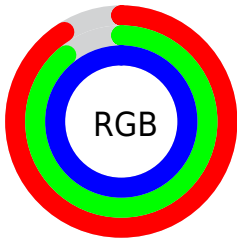
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 233, 228, 255 |
| Decimal | 15328511 |
| CIE _{Lab} | 91.70, 6.68, -12.45 |
| CIE _{LCh} | 92, 14.130, 298.213 |
| Yxy | 80.0304, 0.2993, 0.3017 |
| Android (android.graphics.Color) | 4293518591 (0xFFE9E4FF) |
| YUV | 232.5730, 11.0565, 0.3745 |
| Hunter-Lab | 89.4597, 1.8687, -7.5446 |

Details

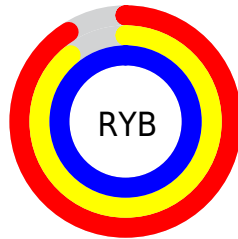
The XYZ color **79.3977, 80.0304, 105.8705** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1897, 97.4463, 87.5108**, and the grayscale version is **77.0557, 81.0686, 88.2838**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2681, 43.3115, 59.5056** is the 20% darker color. If you saturate the color by 10%, you get **66.5049, 63.7287, 103.4034**, and if you desaturate by 10%, it is **94.1283, 98.8197, 108.7208**.

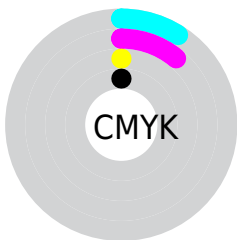
Distribution



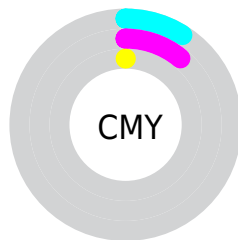
- Red (91%)
- Green (89%)
- Blue (100%)



- Red (91%)
- Yellow (89%)
- Blue (100%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3977, 80.0304, 105.8705 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 79.3977, 80.0304, 105.8705 by changing the saturation by 10% instead.

79.3977, 80.0304,
105.8705

79.3977, 80.0304,
105.8705

481.6682,
495.0353, 600.2612

59.5296, 59.7434,
80.5681

131.4736,
133.4085, 171.3235

43.2876, 43.2118,
59.6570

164.4121,
167.2683, 212.3111

30.3063, 30.0513,
42.7188

202.4381,
206.4212, 259.3642

20.2205, 19.8776,
29.3348

245.9169,
251.2515, 312.9014

12.6646, 12.3061,
19.0865

295.2140,
302.1437, 373.3411

7.2734, 6.9525,
11.5553

350.6947,

3.6815, 3.4324,

359.4821, 441.1020

6.3228

412.7243,
423.6512, 516.6025

■ 1.5236, 1.3614,
2.9704

■ 0.3418, 0.1880,
1.0795

■ 79.3977, 80.0304,
105.8705

■ 79.3977, 80.0304,
105.8705

■ 66.5049, 63.7287,
103.4034

94.1283, 98.8197,
108.7208

■ 55.3706, 49.8002,
101.3018

95.0500, 100.0000,
108.9000

■ 45.9194, 38.1363,
99.5486

■ 38.0678, 28.6160,
98.1248

■ 31.7248, 21.1068,
97.0097

■ 26.7903, 15.4614,
96.1801

■ 23.1511, 11.5117,
95.6095

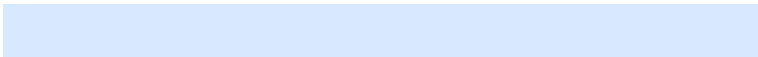
■ 20.6754, 9.0585,
95.2665

■ 19.2317, 7.8292,
95.1053

Harmonies

Analogous

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



75.8501, 80.0304, 108.5731



79.3977, 80.0304, 105.8705



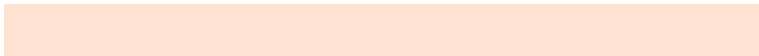
82.1247, 80.0304, 98.0438

Triad

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



79.3977, 80.0304, 105.8705



79.7843, 80.0304, 71.3006



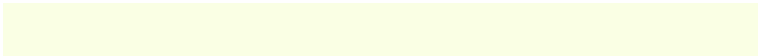
69.3330, 80.0304, 86.5207

Complementary

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



79.3977, 80.0304, 105.8705



89.1897, 97.4463, 87.5108

Split Complementary

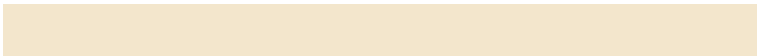
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3138, 80.0304, 77.0753



79.3977, 80.0304, 105.8705



76.2833, 80.0304, 68.7304

Square

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



79.3977, 80.0304, 105.8705



82.3529, 80.0304, 78.0694



72.8298, 80.0304, 70.7593



70.1085, 80.0304, 96.8862

Rectangle

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



79.3977, 80.0304, 105.8705



83.0706, 80.0304, 91.2665



72.8298, 80.0304, 70.7593



69.4676, 80.0304, 83.1389

Sweetspot

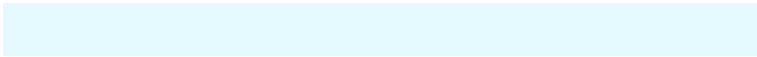
The Sweet Spot groups the original color and five complimentary colors.



79.3998, 80.0337, 105.8710



90.4015, 94.0526, 107.9970



84.2480, 92.1177, 107.9479



19.0899, 19.7993, 23.0654



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.



79.3998, 80.0337, 105.8710



76.1221, 75.8747, 105.2410



83.9595, 82.3843, 106.0844



17.3166, 17.5394, 22.7227



10.1384, 4.1370, 49.6988



1.0672, 0.4441, 4.8427

Inverse Universe

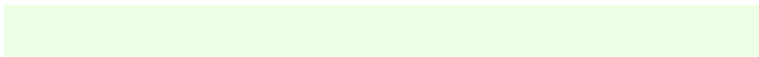
The Inverse Universe completely reimagines the original color for something new.



86.2406, 83.6520, 102.0460



84.3991, 80.2539, 100.5533



84.5405, 95.0495, 87.2932



18.6399, 18.2393, 21.9870



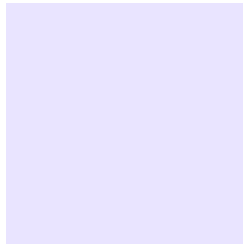
27.5366, 13.5039, 32.5400



2.7168, 1.3291, 3.3562

Previews

White Background



This preview shows how the XYZ color 79.3977, 80.0304, 105.8705 looks on a white background.

Color Contrast Check

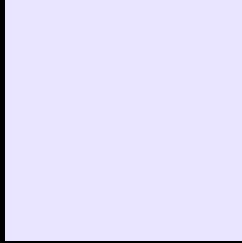
Large Text (above 18pt) WCAG AA × Fail

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 79.3977, 80.0304, 105.8705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

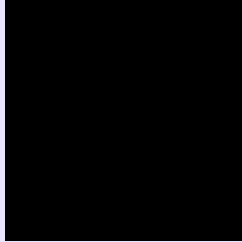
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3977, 80.0304, 105.8705

Background



This preview shows how black text looks on a background with the XYZ color 79.3977, 80.0304, 105.8705.



This preview shows how white text looks on a background with the XYZ color 79.3977, 80.0304,

105.8705.

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

79.3977, 80.0304, 105.8705

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

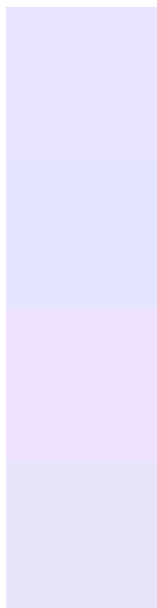
81.5932, 79.9477, 105.7388



Tritanopia

78.0865, 79.9098, 99.3042

Trichromacy



Original Color

79.3977, 80.0304, 105.8705

Protanomaly

78.7024, 80.0816, 105.9170

Deuteranomaly

80.8430, 79.9634, 105.7813

Tritanomaly

78.5533, 80.0966, 101.7625

Monochromacy



Original Color

79.3977, 80.0304, 105.8705

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0574, 80.8263, 94.7061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3977, 80.0304, 105.8705 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(233, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 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(233, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3977, 80.0304, 105.8705 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(233, 228, 255) }
```


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

```
.border{ border-color:rgb(233, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3977, 80.0304, 105.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 255) }
```

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

```
.background{ background-color: rgb(233,  
228, 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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