

Converting Colors

XYZ(79.3253, 78.1650, 99.4400)

Have a look what the booklet for
XYZ(79.3253, 78.1650, 99.4400)
contains.

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Color

**XYZ(79.2661, 78.0779,
99.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DFF8
RGB	240, 223, 248
RGB Percent	94%, 87%, 97%
CMY	0.0588, 0.1255, 0.0274
CMYK	0.03, 0.10, 0.00, 0.03
HSL	281°, 64%, 92%
HSV	281°, 10%, 97%
XYZ	79.2661, 78.0779, 99.6997
YIQ	230.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

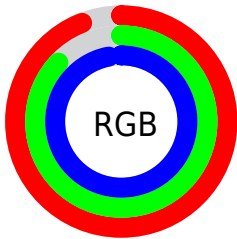
Format	Color
R_{YB}	240, 223, 248
Decimal	15785976
CIE _{Lab}	90.82, 10.23, -10.05
CIE _{LCh}	91, 14.336, 315.506
Yxy	78.0779, 0.3084, 0.3038
Android (android.graphics.Color)	4293976056 (0xFFFF0DFF8)
YUV	230.9330, 8.4140, 7.9518
Hunter-Lab	88.3617, 5.4929, -5.0445

Details

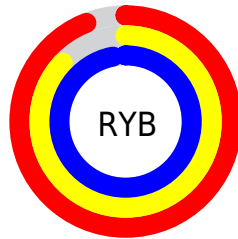
The XYZ color **79.2661, 78.0779, 99.6997** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8446, 89.4535, 82.8739**, and the grayscale version is **75.8461, 79.7960, 86.8978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2842, 42.0014, 55.6949** is the 20% darker color. If you saturate the color by 10%, you get **70.4842, 64.4261, 97.5287**, and if you desaturate by 10%, it is **89.1409, 93.7380, 102.2031**.

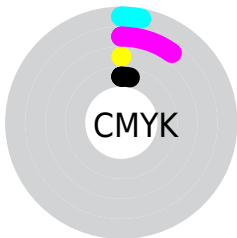
Distribution



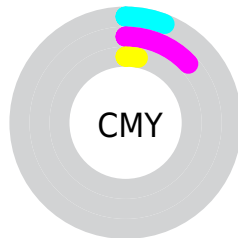
- Red (94%)
- Green (87%)
- Blue (97%)



- Red (94%)
- Yellow (87%)
- Blue (97%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2661, 78.0779, 99.6997 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 79.2661, 78.0779, 99.6997 by changing the saturation by 10% instead.

79.2661, 78.0779,
99.6997

79.2661, 78.0779,
99.6997

481.2304,
488.4313, 580.4679

59.4210, 58.1380,
75.4343

131.2894,
130.6599, 162.7927

43.1998, 41.9196,
55.4649

164.1982,
164.0708, 202.4574

30.2371, 29.0383,
39.3729

202.1924,
202.7408, 248.0922

20.1676, 19.1098,
26.7399

245.6373,
247.0543, 300.1158

12.6259, 11.7497,
17.1473

294.8981,
297.3958, 358.9466

7.2467, 6.5734,
10.1765

350.3404,

3.6645, 3.1968,

354.1495, 425.0032

5.4090

412.3293,
417.6999, 498.7041

■ 1.5142, 1.2353,
2.4263

■ 0.3354, 0.0903,
0.8007

■ 79.2661, 78.0779,
99.6997

■ 79.2661, 78.0779,
99.6997

■ 70.4842, 64.4261,
97.5287

■ 89.1409, 93.7380,
102.2031

■ 62.7449, 52.6879,
95.6709

■ 93.9435, 99.5574,
103.0733

■ 56.0038, 42.7755,
94.1129

■ 50.2105, 34.5905,
92.8384

■ 45.3098, 28.0249,
91.8294

■ 41.2403, 22.9584,
91.0659

■ 37.9321, 19.2530,
90.5251

■ 35.3016, 16.7450,
90.1796

■ 33.2265, 15.1716,
89.9853

Harmonies

Analogous

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



76.0794, 78.0779, 105.6143



79.2661, 78.0779, 99.6997



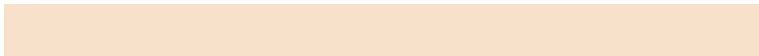
81.1264, 78.0779, 90.0796

Triad

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



79.2661, 78.0779, 99.6997



75.9591, 78.0779, 67.2049



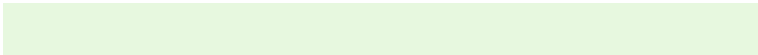
67.7295, 78.0779, 90.4323

Complementary

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



79.2661, 78.0779, 99.6997



79.8446, 89.4535, 82.8739

Split Complementary

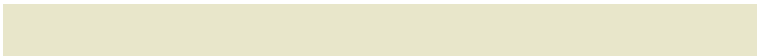
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6996, 78.0779, 80.1411



79.2661, 78.0779, 99.6997



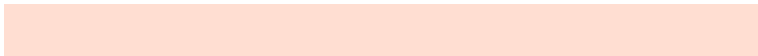
72.3729, 78.0779, 67.2826

Square

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



79.2661, 78.0779, 99.6997



79.1756, 78.0779, 71.6239



69.3750, 78.0779, 71.8455



69.4578, 78.0779, 99.9759

Rectangle

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



79.2661, 78.0779, 99.6997



81.3267, 78.0779, 83.1228



69.3750, 78.0779, 71.8455



67.5224, 78.0779, 86.9328

Sweetspot

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



79.2684, 78.0812, 99.7014



91.7629, 94.7544, 108.0607



76.0471, 79.8072, 100.2043



19.4569, 19.9885, 23.0826



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.



79.2684, 78.0812, 99.7014



82.5416, 80.1963, 105.7368



81.4052, 79.2567, 96.4646



17.4213, 17.2298, 21.7928



18.1013, 8.2742, 48.6166



1.7868, 0.8232, 4.5079

Inverse Universe

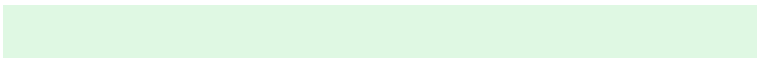
The Inverse Universe completely reimagines the original color for something new.



79.5256, 78.5048, 86.5667



82.8824, 80.7382, 89.2032



77.8898, 88.3801, 85.7510



17.4735, 17.3168, 19.0833



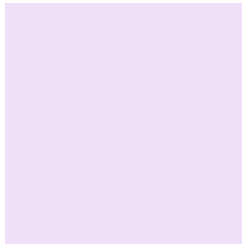
21.7379, 11.1109, 5.3284



2.0594, 1.0475, 0.7363

Previews

White Background



This preview shows how the XYZ color 79.2661, 78.0779, 99.6997 looks on a white background.

Color Contrast Check

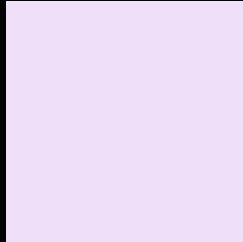
Large Text (above 18pt) WCAG AA × Fail

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 79.2661, 78.0779, 99.6997 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

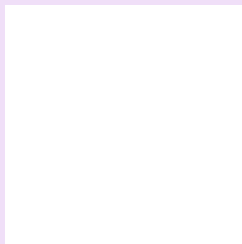
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2661, 78.0779, 99.6997

Background



This preview shows how black text looks on a background with the XYZ color 79.2661, 78.0779, 99.6997.

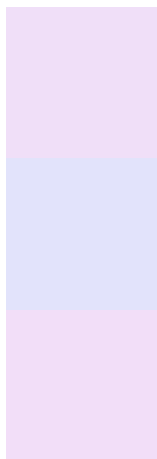


This preview shows how white text looks on a background with the XYZ color 79.2661, 78.0779,

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

79.2661, 78.0779, 99.6997

Protanopia

76.2457, 78.0720, 102.3176

Deuteranopia

79.6825, 77.8971, 99.6429



Tritanopia

78.2793, 78.0728, 94.9482

Trichromacy



Original Color

79.2661, 78.0779, 99.6997

Protanomaly

77.4067, 78.2838, 101.4730

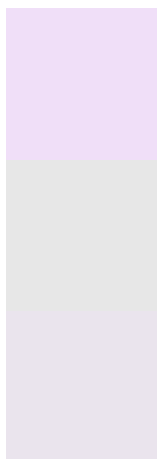
Deuteranomaly

79.3402, 77.7206, 99.6268

Tritanomaly

78.5814, 78.1937, 96.5392

Monochromacy



Original Color

79.2661, 78.0779, 99.6997

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9611, 79.0937, 91.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2661, 78.0779, 99.6997 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(240, 223, 248) looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 248)  
}
```

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(240, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 248) }
```

Border

The CSS property to change the border of an element to XYZ 79.2661, 78.0779, 99.6997 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(240, 223, 248) }
```


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

```
.border{ border-color:rgb(240, 223, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2661, 78.0779, 99.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 248) }
```

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

```
.background{ background-color: rgb(240,  
223, 248) }
```

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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