

Converting Colors

XYZ(79.5403, 82.0799,
100.1977)

Have a look what the booklet for
XYZ(79.5403, 82.0799, 100.1977)
contains.

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Color

**XYZ(79.4042, 81.8142,
100.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E8F8
RGB	233, 232, 248
RGB Percent	91%, 91%, 97%
CMY	0.0863, 0.0902, 0.0274
CMYK	0.06, 0.06, 0.00, 0.03
HSL	244°, 53%, 94%
HSV	244°, 6%, 97%
XYZ	79.4042, 81.8142, 100.4136
YIQ	234.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

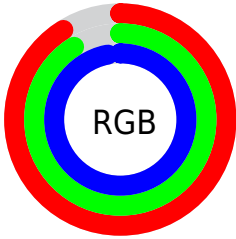
Format	Color
R _Y B	233, 232, 248
Decimal	15329528
CIE Lab	92.49, 3.27, -7.62
CIE LCh	92, 8.289, 293.228
Yxy	81.8142, 0.3035, 0.3127
Android (android.graphics.Color)	4293519608 (0xFFE9E8F8)
YUV	234.1230, 6.8414, -0.9849
Hunter-Lab	90.4512, -1.5902, -2.5044

Details

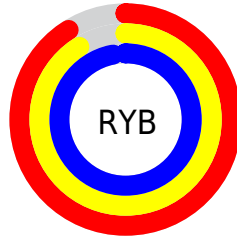
The XYZ color **79.4042, 81.8142, 100.4136** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4937, 92.7373, 89.6894**, and the grayscale version is **78.2542, 82.3295, 89.6569**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1712, 44.2036, 56.1259** is the 20% darker color. If you saturate the color by 10%, you get **65.8124, 65.1671, 97.9180**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0733**.

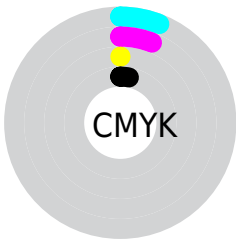
Distribution



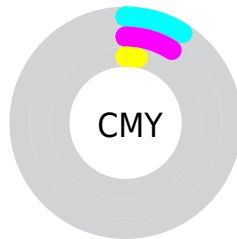
- Red (91%)
- Green (91%)
- Blue (97%)



- Red (91%)
- Yellow (91%)
- Blue (97%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4042, 81.8142, 100.4136 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 79.4042, 81.8142, 100.4136 by changing the saturation by 10% instead.

■ 79.4042, 81.8142,
100.4136

■ 79.4042, 81.8142,
100.4136

481.6898,
501.0260, 582.7759

■ 59.5350, 61.2124,
76.0272

131.4827,
135.9134, 163.7823

■ 43.2919, 44.3966,
55.9480

164.4226,
170.1796, 203.6016

■ 30.3098, 30.9824,
39.7575

202.4502,
209.7694, 249.4024

■ 20.2231, 20.5855,
27.0372

245.9308,
255.0672, 301.6030

■ 12.6665, 12.8213,
17.3685

295.2296,
306.4573, 360.6222

■ 7.2747, 7.3056,
10.3328

350.7122,

■ 3.6823, 3.6540,

364.3243, 426.8784

5.5117

412.7438,
429.0523, 500.7901

■ 1.5240, 1.4819,
2.4866

■ 0.3421, 0.2760,
0.8330

■ 79.4042, 81.8142,
100.4136

■ 79.4042, 81.8142,
100.4136

■ 65.8124, 65.1671,
97.9180

■ 93.9435, 99.5574,
103.0733

■ 54.1240, 50.9003,
95.7803

■ 44.2559, 38.9081,
93.9857

■ 36.1165, 29.0729,
92.5163

■ 29.6060, 21.2665,
91.3526

■ 24.6145, 15.3471,
90.4731

■ 21.0185, 11.1546,
89.8534

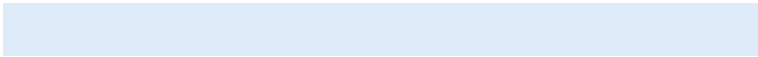
■ 18.6748, 8.5024,
89.4650

■ 17.4088, 7.1591,
89.2725

Harmonies

Analogous

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



77.2753, 81.8142, 101.3668



79.4042, 81.8142, 100.4136



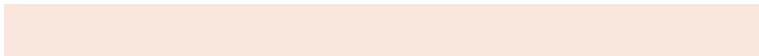
81.1215, 81.8142, 96.3609

Triad

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



79.4042, 81.8142, 100.4136



80.2637, 81.8142, 79.9283



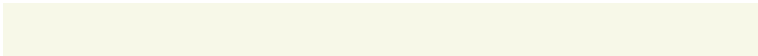
73.7276, 81.8142, 87.6925

Complementary

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



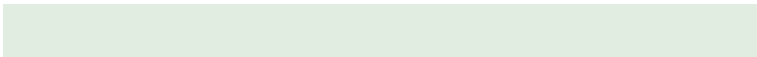
79.4042, 81.8142, 100.4136



86.4937, 92.7373, 89.6894

Split Complementary

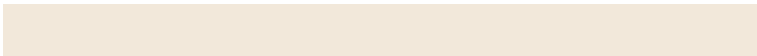
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4965, 81.8142, 82.1788



79.4042, 81.8142, 100.4136



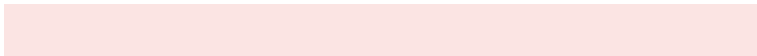
78.2506, 81.8142, 77.8317

Square

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



79.4042, 81.8142, 100.4136



81.6241, 81.8142, 84.4923



76.1425, 81.8142, 78.6362



74.0236, 81.8142, 93.8344

Rectangle

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



79.4042, 81.8142, 100.4136



81.7887, 81.8142, 92.5430



76.1425, 81.8142, 78.6362



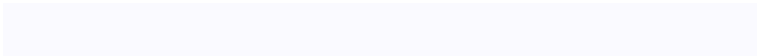
73.8696, 81.8142, 85.7079

Sweetspot

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



79.4066, 81.8177, 100.4154



91.7070, 95.8933, 108.2835



83.5465, 90.5791, 101.8883



19.6641, 20.5681, 23.1836



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.



79.4066, 81.8177, 100.4154



82.1932, 84.2186, 106.5315



82.0102, 83.1599, 100.5372



16.3831, 16.6946, 21.7442



9.3010, 3.7375, 48.2047



0.8954, 0.3637, 4.4662

Inverse Universe

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



84.3594, 84.3887, 99.8422



88.6800, 87.5863, 105.7705



83.7996, 91.3484, 89.5633



17.9436, 17.5048, 21.5588



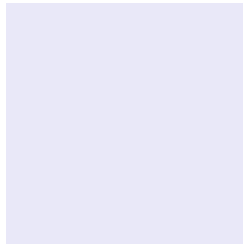
28.8421, 13.9526, 42.7387



2.6850, 1.2977, 4.0307

Previews

White Background



This preview shows how the XYZ color 79.4042, 81.8142, 100.4136 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 79.4042, 81.8142, 100.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

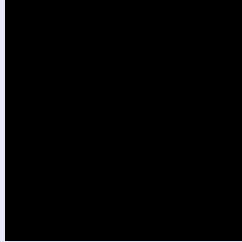
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4042, 81.8142, 100.4136

Background



This preview shows how black text looks on a background with the XYZ color 79.4042, 81.8142, 100.4136.



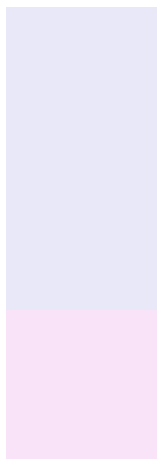
This preview shows how white text looks on a background with the XYZ color 79.4042, 81.8142,

100.4136.

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

79.4042, 81.8142, 100.4136

Protanopia

79.4042, 81.8142, 100.4136

Deuteranopia

83.6349, 81.9175, 101.0261



Tritanopia

79.7162, 81.9390, 102.0568

Trichromacy



Original Color

79.4042, 81.8142, 100.4136

Protanomaly

79.4042, 81.8142, 100.4136

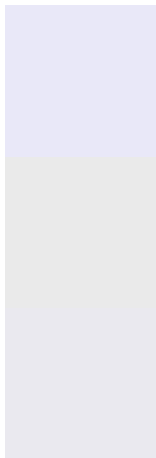
Deuteranomaly

82.0803, 81.9329, 101.1111

Tritanomaly

79.5598, 81.8764, 101.2330

Monochromacy



Original Color

79.4042, 81.8142, 100.4136

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6506, 82.0022, 93.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4042, 81.8142, 100.4136 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, 232, 248) looks like.

```
.text, #text, p{  
    color:rgb(233, 232, 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(233, 232, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 232, 248) }
```

Border

The CSS property to change the border of an element to XYZ 79.4042, 81.8142, 100.4136 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, 232, 248) }
```


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

```
.border{ border-color:rgb(233, 232, 248) }
```

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

Here you see how a box with a 4 pixel rgb(233, 232, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 232, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 232, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 232,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4042, 81.8142, 100.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 232, 248) }
```

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

```
.background{ background-color: rgb(233,  
232, 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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