

Converting Colors

XYZ(80.8275, 79.5021,
100.3631)

Have a look what the booklet for
XYZ(80.8275, 79.5021, 100.3631)
contains.

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Color

**XYZ(80.9862, 79.7447,
100.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E1F9
RGB	243, 225, 249
RGB Percent	95%, 88%, 98%
CMY	0.0471, 0.1176, 0.0235
CMYK	0.02, 0.10, 0.00, 0.02
HSL	285°, 67%, 93%
HSV	285°, 10%, 98%
XYZ	80.9862, 79.7447, 100.7464
YIQ	233.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

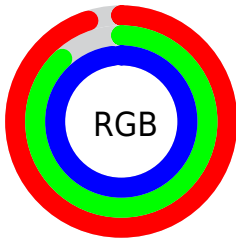
Format	Color
R_{YB}	243, 225, 249
Decimal	15983097
CIE _{Lab}	91.57, 10.35, -9.42
CIE _{LCh}	92, 13.999, 317.692
Yxy	79.7447, 0.3097, 0.3050
Android (android.graphics.Color)	4294173177 (0xFFFF3E1F9)
YUV	233.1180, 7.8298, 8.6665
Hunter-Lab	89.2999, 5.6071, -4.3799

Details

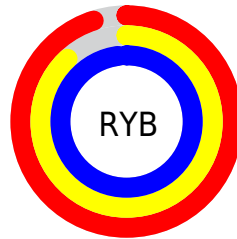
The XYZ color **80.9862, 79.7447, 100.7464** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4244, 90.1787, 84.4057**, and the grayscale version is **77.4843, 81.5195, 88.7747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4939, 43.1645, 56.4386** is the 20% darker color. If you saturate the color by 10%, you get **72.6279, 66.1630, 98.5666**, and if you desaturate by 10%, it is **90.4036, 95.3340, 103.2603**.

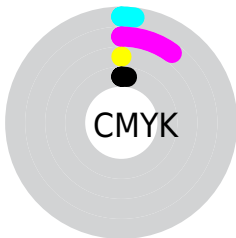
Distribution



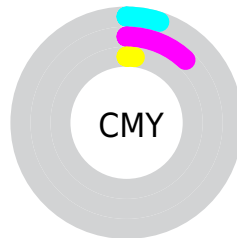
- Red (95%)
- Green (88%)
- Blue (98%)



- Red (95%)
- Yellow (88%)
- Blue (98%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9862, 79.7447, 100.7464 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 80.9862, 79.7447, 100.7464 by changing the saturation by 10% instead.


 80.9862, 79.7447,
100.7464

 80.9862, 79.7447,
100.7464


486.9363,
494.0720, 583.8502

 60.8415, 59.5083,
76.3037


133.6946,
133.0067, 164.2433

 44.3493, 43.0224,
56.1734


166.9891,
166.8011, 204.1346

 31.1443, 29.9027,
39.9370


205.3975,
205.8837, 250.0126

 20.8611, 19.7648,
27.1761

249.2852,
250.6387, 302.2956

 13.1344, 12.2242,
17.4719

299.0176,
301.4507, 361.4024

 7.5988, 6.8965,
10.4060

354.9600,

 3.8890, 3.3975,

358.7040, 427.7513

5.5599

417.4778,
422.7830, 501.7611

■ 1.6395, 1.3426,
2.5149

■ 0.4179, 0.1738,
0.8480

■ 80.9862, 79.7447,
100.7464

■ 80.9862, 79.7447,
100.7464

■ 72.6279, 66.1630,
98.5666

■ 90.4036, 95.3340,
103.2603

■ 65.2788, 54.4936,
96.7015

■ 94.0991, 99.6196,
103.8927

■ 58.8949, 44.6489,
95.1378

■ 53.4265, 36.5300,
93.8589

■ 48.8190, 30.0290,
92.8469

■ 45.0114, 25.0252,
92.0818

■ 41.9344, 21.3810,
91.5405

■ 39.5055, 18.9325,
91.1959

■ 37.5941, 17.4198,
91.0047

Harmonies

Analogous

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



77.9005, 79.7447, 106.9390



80.9862, 79.7447, 100.7464



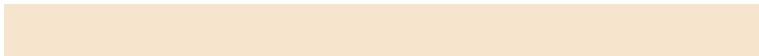
82.7021, 79.7447, 91.0872

Triad

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



80.9862, 79.7447, 100.7464



77.2678, 79.7447, 69.0008



69.4408, 79.7447, 92.9417

Complementary

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



80.9862, 79.7447, 100.7464



80.4244, 90.1787, 84.4057

Split Complementary

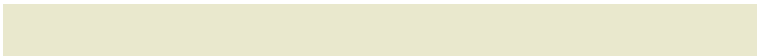
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2835, 79.7447, 82.7045



80.9862, 79.7447, 100.7464



73.7277, 79.7447, 69.4118

Square

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



80.9862, 79.7447, 100.7464



80.5105, 79.7447, 73.0847



70.8304, 79.7447, 74.2552



71.2672, 79.7447, 102.1955

Rectangle

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



80.9862, 79.7447, 100.7464



82.8039, 79.7447, 84.2232



70.8304, 79.7447, 74.2552



69.1931, 79.7447, 89.4868

Sweetspot

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



80.9885, 79.7481, 100.7481



91.9577, 94.8548, 108.0699



76.8415, 80.2267, 101.0591



19.5096, 20.0156, 23.0851



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.



80.9885, 79.7481, 100.7481



83.2941, 80.5842, 105.7720



82.2328, 80.4890, 96.3148



17.5444, 17.2933, 21.7985



20.2253, 9.3692, 48.7160



1.9698, 0.9175, 4.5165

Inverse Universe

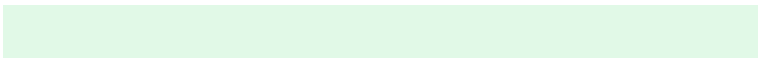
The Inverse Universe completely reimagines the original color for something new.



80.4188, 79.7634, 86.7629



82.5761, 80.6157, 87.5904



79.2973, 89.5080, 88.4063



17.4226, 17.2964, 18.8153



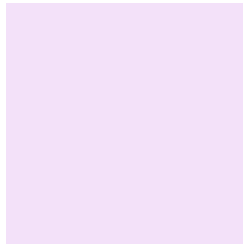
21.4287, 10.9872, 3.7001



2.0252, 1.0338, 0.5561

Previews

White Background



This preview shows how the XYZ color 80.9862, 79.7447, 100.7464 looks on a white background.

Color Contrast Check

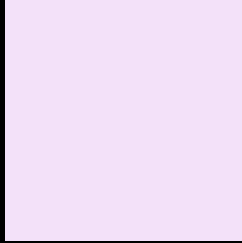
Large Text (above 18pt) WCAG AA × Fail

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 80.9862, 79.7447, 100.7464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

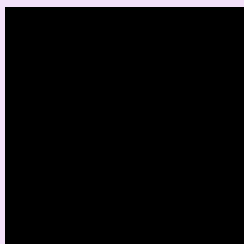
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.9862, 79.7447, 100.7464

Background



This preview shows how black text looks on a background with the XYZ color 80.9862, 79.7447, 100.7464.



This preview shows how white text looks on a background with the XYZ color 80.9862, 79.7447, 100.7464.

100.7464.

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

80.9862, 79.7447, 100.7464

Protanopia

77.9031, 79.7249, 103.3780

Deuteranopia

81.4107, 79.5633, 100.6890



Tritanopia

80.1434, 79.8016, 96.7672

Trichromacy



Original Color

80.9862, 79.7447, 100.7464

Protanomaly

79.0877, 79.9443, 102.5292

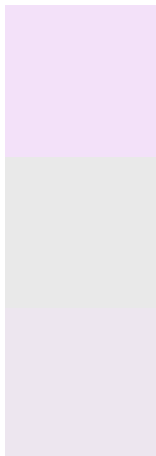
Deuteranomaly

81.0628, 79.3840, 100.6727

Tritanomaly

80.4489, 79.9238, 98.3755

Monochromacy



Original Color

80.9862, 79.7447, 100.7464

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8019, 80.8301, 93.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9862, 79.7447, 100.7464 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(243, 225, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 249)  
}
```

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(243, 225, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 249) }
```

Border

The CSS property to change the border of an element to XYZ 80.9862, 79.7447, 100.7464 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(243, 225, 249) }
```


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

```
.border{ border-color:rgb(243, 225, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9862, 79.7447, 100.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 249) }
```

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

```
.background{ background-color: rgb(243,  
225, 249) }
```

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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