

Converting Colors

XYZ(80.4256, 80.1299,
103.3254)

Have a look what the booklet for
XYZ(80.4256, 80.1299, 103.3254)
contains.

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Color

**XYZ(80.6364, 80.3172,
103.3482)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE3FC
RGB	239, 227, 252
RGB Percent	94%, 89%, 99%
CMY	0.0627, 0.1098, 0.0118
CMYK	0.05, 0.10, 0.00, 0.01
HSL	269°, 81%, 94%
HSV	269°, 10%, 99%
XYZ	80.6364, 80.3172, 103.3482
YIQ	233.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

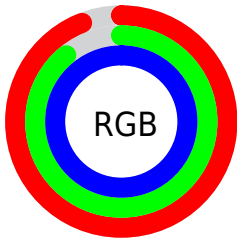
Format	Color
R_{YB}	239, 227, 252
Decimal	15721468
CIE _{Lab}	91.83, 8.56, -10.64
CIE _{LCh}	92, 13.660, 308.816
Yxy	80.3172, 0.3051, 0.3039
Android (android.graphics.Color)	4293911548 (0xFFEFE3FC)
YUV	233.4380, 9.1511, 4.8779
Hunter-Lab	89.6199, 3.7725, -5.6384

Details

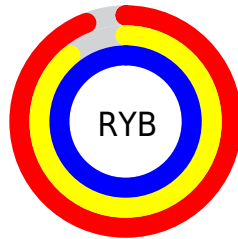
The XYZ color **80.6364, 80.3172, 103.3482** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6136, 93.6942, 86.3022**, and the grayscale version is **77.7178, 81.7652, 89.0423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1313, 43.5125, 57.7025** is the 20% darker color. If you saturate the color by 10%, you get **69.9773, 65.3301, 101.0184**, and if you desaturate by 10%, it is **92.6298, 97.4940, 106.0328**.

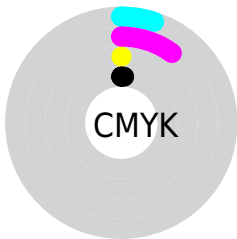
Distribution



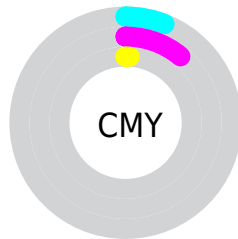
- Red (94%)
- Green (89%)
- Blue (99%)



- Red (94%)
- Yellow (89%)
- Blue (99%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6364, 80.3172, 103.3482 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 80.6364, 80.3172, 103.3482 by changing the saturation by 10% instead.

80.6364, 80.3172,
103.3482

80.6364, 80.3172,
103.3482

485.7789,
496.0012, 592.2129

60.5525, 59.9794,
78.4673

133.2059,
133.8116, 167.8427

44.1152, 43.4020,
57.9392

166.4222,
167.7370, 208.2933

30.9594, 30.2007,
41.3454

204.7467,
206.9604, 254.7710

20.7196, 19.9910,
28.2673

248.5447,
251.8662, 307.6941

13.0305, 12.3885,
18.2865

298.1815,
302.8388, 367.4814

7.5267, 7.0088,
10.9843

354.0226,

3.8429, 3.4676,

360.2625, 434.5512

5.9422

416.4333,
424.5219, 509.3222

■ 1.6136, 1.3805,
2.7418

■ 0.4013, 0.2023,
0.9643

■ 80.6364, 80.3172,
103.3482

■ 80.6364, 80.3172,
103.3482

■ 69.9773, 65.3301,
101.0184

■ 92.6298, 97.4940,
106.0328

■ 60.5950, 52.4317,
99.0233

94.5709, 99.8084,
106.3772

■ 52.4381, 41.5282,
97.3486

■ 45.4487, 32.5143,
95.9771

■ 39.5635, 25.2750,
94.8900

■ 34.7127, 19.6819,
94.0661

■ 30.8172, 15.5889,
93.4814

■ 27.7837, 12.8222,
93.1072

■ 25.4654, 11.1014,
92.8973

Harmonies

Analogous

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



77.3753, 80.3172, 107.9178



80.6364, 80.3172, 103.3482



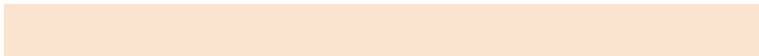
82.7888, 80.3172, 94.6046

Triad

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



80.6364, 80.3172, 103.3482



78.7974, 80.3172, 70.6807



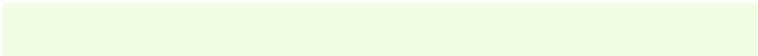
69.8789, 80.3172, 90.4395

Complementary

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



80.6364, 80.3172, 103.3482



84.6136, 93.6942, 86.3022

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.



70.2334, 80.3172, 80.6689



80.6364, 80.3172, 103.3482



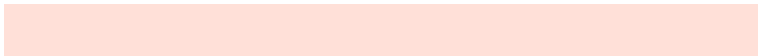
75.3122, 80.3172, 69.7521

Square

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



80.6364, 80.3172, 103.3482



81.7047, 80.3172, 75.9165



72.1972, 80.3172, 73.2752



71.2137, 80.3172, 100.1000

Rectangle

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



80.6364, 80.3172, 103.3482



83.2683, 80.3172, 87.8508



72.1972, 80.3172, 73.2752



69.8053, 80.3172, 87.0539

Sweetspot

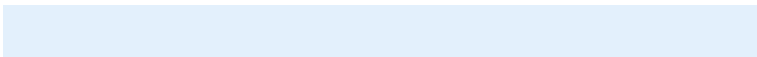
The Sweet Spot groups the original color and five complimentary colors.



80.6388, 80.3206, 103.3500



91.2093, 94.4690, 108.0348



80.5105, 85.8788, 104.4295



19.3074, 19.9114, 23.0756



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.



80.6388, 80.3206, 103.3500



80.4389, 79.1123, 105.6383



84.8858, 82.5101, 103.5487



17.0757, 17.0517, 21.7766



13.4243, 5.8631, 48.3977



1.3650, 0.6057, 4.4882

Inverse Universe

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



83.3449, 81.9285, 93.8630



83.7782, 81.0965, 93.9205



80.6205, 91.6357, 86.1153



17.6216, 17.3760, 19.8632



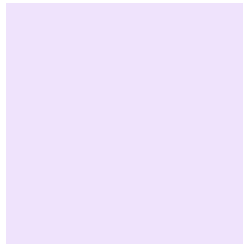
23.1230, 11.6649, 12.6219



2.1952, 1.1018, 1.4512

Previews

White Background



This preview shows how the XYZ color 80.6364, 80.3172, 103.3482 looks on a white background.

Color Contrast Check

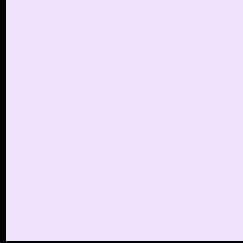
Large Text (above 18pt) WCAG AA × Fail

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 80.6364, 80.3172, 103.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

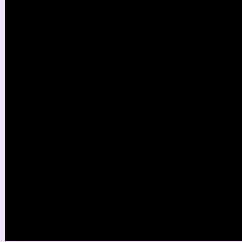
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6364, 80.3172, 103.3482

Background



This preview shows how black text looks on a background with the XYZ color 80.6364, 80.3172, 103.3482.

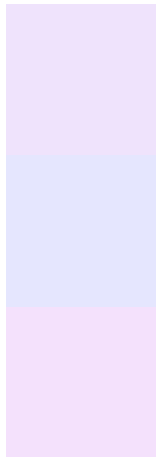


This preview shows how white text looks on a background with the XYZ color 80.6364, 80.3172,

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

80.6364, 80.3172, 103.3482

Protanopia

78.4993, 80.4074, 105.1488

Deuteranopia

81.8041, 80.1118, 103.2470



Tritanopia

79.6379, 80.3178, 98.4943

Trichromacy



Original Color

80.6364, 80.3172, 103.3482

Protanomaly

79.3532, 80.4541, 104.2753

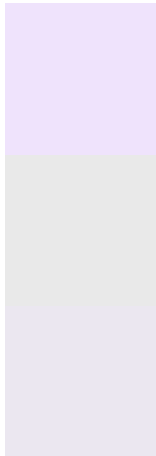
Deuteranomaly

81.3850, 80.2982, 103.3051

Tritanomaly

79.9466, 80.4413, 100.1200

Monochromacy



Original Color

80.6364, 80.3172, 103.3482

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.5650, 81.1053, 93.9521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6364, 80.3172, 103.3482 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(239, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 252)  
}
```

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(239, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 252) }
```

Border

The CSS property to change the border of an element to XYZ 80.6364, 80.3172, 103.3482 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(239, 227, 252) }
```


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

```
.border{ border-color:rgb(239, 227, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6364, 80.3172, 103.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 252) }
```

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

```
.background{ background-color: rgb(239,  
227, 252) }
```

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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