

Converting Colors

XYZ(80.8240, 81.2605,
102.4999)

Have a look what the booklet for
XYZ(80.8240, 81.2605, 102.4999)
contains.

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Color

**XYZ(80.6918, 81.1808,
102.6833)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE5FB
RGB	238, 229, 251
RGB Percent	93%, 90%, 98%
CMY	0.0667, 0.1019, 0.0157
CMYK	0.05, 0.09, 0.00, 0.02
HSL	265°, 73%, 94%
HSV	265°, 9%, 98%
XYZ	80.6918, 81.1808, 102.6833
YIQ	234.1990, -1.6980, 8.7500

Conversions

Conversions Part 2

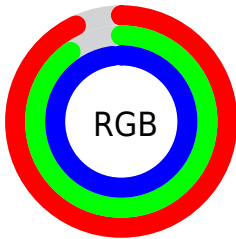
Format	Color
R_{YB}	238, 229, 251
Decimal	15656443
CIE Lab	92.21, 7.01, -9.56
CIE LCh	92, 11.853, 306.263
Yxy	81.1808, 0.3050, 0.3069
Android (android.graphics.Color)	4293846523 (0xFFEEE5FB)
YUV	234.1990, 8.2829, 3.3335
Hunter-Lab	90.1004, 2.1847, -4.4998

Details

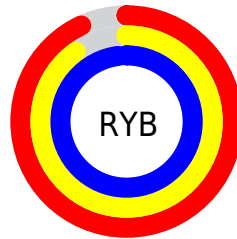
The XYZ color **80.6918, 81.1808, 102.6833** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.2609, 93.5309, 87.6923**, and the grayscale version is **78.2996, 82.3773, 89.7089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1651, 44.1122, 57.2257** is the 20% darker color. If you saturate the color by 10%, you get **69.4664, 65.8205, 100.3114**, and if you desaturate by 10%, it is **93.3365, 98.7677, 105.4127**.

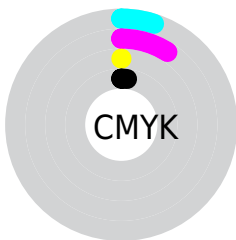
Distribution



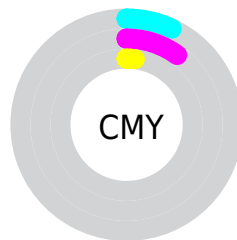
- Red (93%)
- Green (90%)
- Blue (98%)



- Red (93%)
- Yellow (90%)
- Blue (98%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6918, 81.1808, 102.6833 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 80.6918, 81.1808, 102.6833 by changing the saturation by 10% instead.

80.6918, 81.1808,
102.6833

80.6918, 81.1808,
102.6833

485.9623,
498.9034, 590.0817

60.5982, 60.6905,
77.9140

133.2834,
135.0246, 166.9237

44.1523, 43.9755,
57.4873

166.5120,
169.1469, 207.2320

30.9887, 30.6512,
40.9847

204.8498,
208.5820, 253.5569

20.7420, 20.3334,
27.9875

248.6620,
253.7143, 306.3172

13.0469, 12.6376,
18.0773

298.3140,
304.9282, 365.9312

7.5381, 7.1795,
10.8355

354.1711,

3.8501, 3.5746,

362.6081, 432.8177

5.8435

416.5988,
427.1383, 507.3950

■ 1.6177, 1.4386,
2.6829

■ 0.4039, 0.2449,
0.9348

■ 80.6918, 81.1808,
102.6833

■ 80.6918, 81.1808,
102.6833

■ 69.4664, 65.8205,
100.3114

■ 93.3365, 98.7677,
105.4127

■ 59.6003, 52.5856,
98.2768

■ 94.4128, 99.7451,
105.5446

■ 51.0397, 41.3823,
96.5655

■ 43.7243, 32.1057,
95.1605

■ 37.5885, 24.6409,
94.0430

■ 32.5600, 18.8609,
93.1924

■ 28.5574, 14.6209,
92.5850

■ 25.4860, 11.7506,
92.1928

■ 23.2131, 10.0053,
91.9757

Harmonies

Analogous

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



77.8034, 81.1808, 106.2178



80.6918, 81.1808, 102.6833



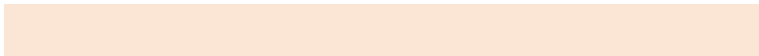
82.6708, 81.1808, 95.3484

Triad

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



80.6918, 81.1808, 102.6833



79.5521, 81.1808, 73.8502



71.4592, 81.1808, 90.2426

Complementary

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



80.6918, 81.1808, 102.6833



85.2609, 93.5309, 87.6923

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.



71.8995, 81.1808, 81.7826



80.6918, 81.1808, 102.6833



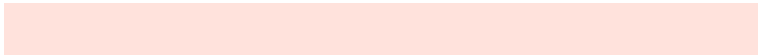
76.5200, 81.1808, 72.6814

Square

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



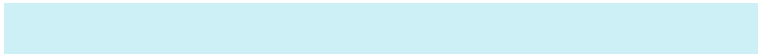
80.6918, 81.1808, 102.6833



82.0007, 81.1808, 78.7973



73.7326, 81.1808, 75.4925



72.5135, 81.1808, 98.7357

Rectangle

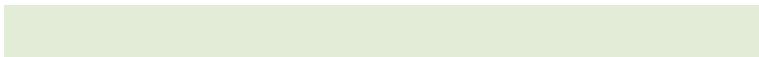
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6918, 81.1808, 102.6833



83.1798, 81.1808, 89.4947



73.7326, 81.1808, 75.4925



71.4377, 81.1808, 87.2986

Sweetspot

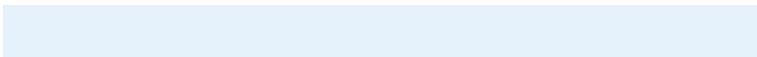
The Sweet Spot groups the original color and five complimentary colors.



80.6942, 81.1843, 102.6851



91.0141, 94.3684, 108.0257



81.5403, 87.2493, 103.8111



19.2548, 19.8843, 23.0732



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.



80.6942, 81.1843, 102.6851



80.9074, 80.3812, 105.8586



84.4300, 83.1101, 102.8599



16.9553, 16.9896, 21.7710



12.2278, 5.2463, 48.3417



1.2494, 0.5461, 4.4827

Inverse Universe

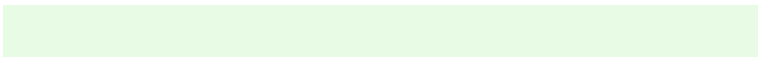
The Inverse Universe completely reimagines the original color for something new.



83.8328, 82.9623, 95.6032



84.9529, 82.6738, 96.6924



81.6625, 91.6758, 87.5239



17.6751, 17.3974, 20.1447



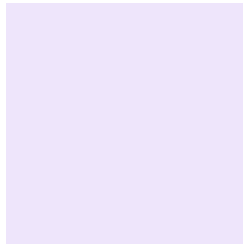
23.8099, 11.9397, 16.2394



2.2578, 1.1269, 1.7811

Previews

White Background



This preview shows how the XYZ color 80.6918, 81.1808, 102.6833 looks on a white background.

Color Contrast Check

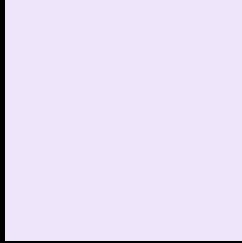
Large Text (above 18pt) WCAG AA × Fail

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 80.6918, 81.1808, 102.6833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

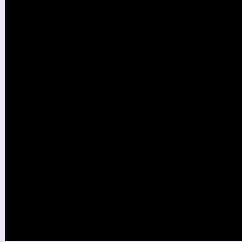
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

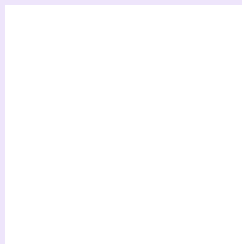
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6918, 81.1808, 102.6833

Background



This preview shows how black text looks on a background with the XYZ color 80.6918, 81.1808, 102.6833.



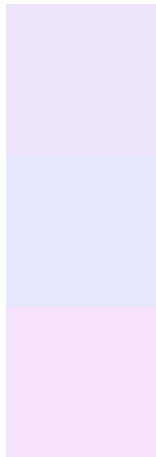
This preview shows how white text looks on a background with the XYZ color 80.6918, 81.1808,

102.6833.

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

80.6918, 81.1808, 102.6833

Protanopia

79.1016, 81.1690, 103.5935

Deuteranopia

83.1248, 81.1951, 103.3865



Tritanopia

80.1651, 81.3755, 100.2888

Trichromacy



Original Color

80.6918, 81.1808, 102.6833

Protanomaly

79.7992, 81.1143, 103.5462

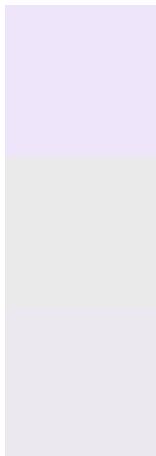
Deuteranomaly

82.3480, 81.1995, 103.4283

Tritanomaly

80.3207, 81.4377, 101.1082

Monochromacy



Original Color

80.6918, 81.1808, 102.6833

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8457, 81.6667, 94.0457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6918, 81.1808, 102.6833 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(238, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 251)  
}
```

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(238, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 251) }
```

Border

The CSS property to change the border of an element to XYZ 80.6918, 81.1808, 102.6833 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(238, 229, 251) }
```


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

```
.border{ border-color:rgb(238, 229, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6918, 81.1808, 102.6833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 251) }
```

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

```
.background{ background-color: rgb(238,  
229, 251) }
```

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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