

Converting Colors

XYZ(80.1336, 82.4817, 91.9891)

Have a look what the booklet for
XYZ(80.1336, 82.4817, 91.9891)
contains.

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Color

**XYZ(80.0779, 82.3529,
91.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E8ED
RGB	240, 232, 237
RGB Percent	94%, 91%, 93%
CMY	0.0588, 0.0902, 0.0706
CMYK	0.00, 0.03, 0.01, 0.06
HSL	323°, 21%, 93%
HSV	323°, 3%, 94%
XYZ	80.0779, 82.3529, 91.7959
YIQ	234.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

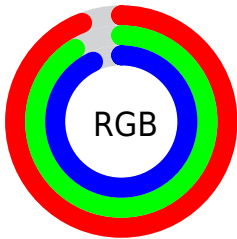
Format	Color
R _Y B	240, 232, 237
Decimal	15788269
CIE Lab	92.73, 3.57, -1.47
CIE LCh	93, 3.864, 337.622
Yxy	82.3529, 0.3150, 0.3239
Android (android.graphics.Color)	4293978349 (0xFFFF0E8ED)
YUV	234.9620, 1.0047, 4.4183
Hunter-Lab	90.7485, -1.2987, 3.5496

Details

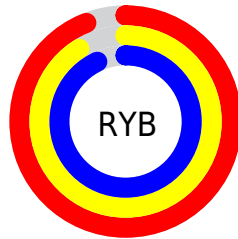
The XYZ color **80.0779, 82.3529, 91.7959** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.4373, 85.4764, 90.9134**, and the grayscale version is **78.9297, 83.0402, 90.4307**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6330, 44.5772, 50.0206** is the 20% darker color. If you saturate the color by 10%, you get **72.4961, 69.2412, 82.9404**, and if you desaturate by 10%, it is **88.3313, 96.6998, 101.2033**.

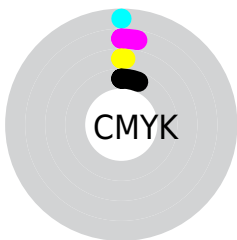
Distribution



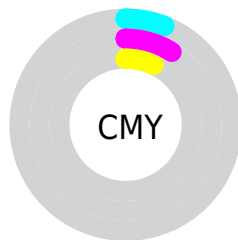
- Red (94%)
- Green (91%)
- Blue (93%)



- Red (94%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0779, 82.3529, 91.7959 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 80.0779, 82.3529, 91.7959 by changing the saturation by 10% instead.

80.0779, 82.3529,
91.7959

80.0779, 82.3529,
91.7959

483.9279,
502.8274, 554.5758

60.0911, 61.6565,
68.8890

132.4252,
136.6688, 151.7877

43.7418, 44.7552,
50.1501

165.5165,
171.0570, 189.7098

30.6646, 31.2646,
35.1607

203.7066,
210.7780, 233.4739

20.4942, 20.8004,
23.5021

247.3610,
256.2160, 283.4988

12.8651, 12.9782,
14.7560

296.8449,
307.7556, 340.2029

7.4121, 7.4135,
8.5036

352.5238,

3.7697, 3.7220,

365.7811, 404.0047

4.3265

414.7630,
430.6769, 475.3228

■ 1.5727, 1.5193,
1.8061

■ 0.3745, 0.3023,
0.4320

■ 80.0779, 82.3529,
91.7959

■ 80.0779, 82.3529,
91.7959

■ 72.4961, 69.2412,
82.9404

■ 88.3313, 96.6998,
101.2033

■ 65.8625, 57.9228,
74.7212

■ 89.7458, 97.2656,
108.6518

■ 60.1387, 48.3214,
67.1217

■ 55.2812, 40.3515,
60.1225

■ 51.2424, 33.9197,
53.7026

■ 47.9703, 28.9235,
47.8394

■ 45.4063, 25.2476,
42.5082

■ 43.4829, 22.7587,
37.6808

■ 42.1183, 21.2952,
33.3245

Harmonies

Analogous

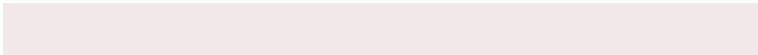
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4618, 82.3529, 94.1321



80.0779, 82.3529, 91.7959



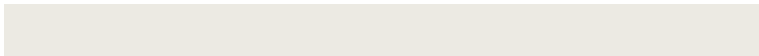
80.2086, 82.3529, 88.9349

Triad

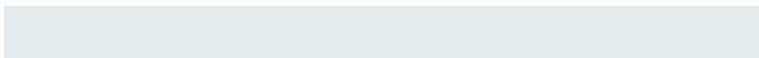
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0779, 82.3529, 91.7959



78.0175, 82.3529, 84.2841



76.7505, 82.3529, 93.0958

Complementary

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



80.0779, 82.3529, 91.7959



79.4373, 85.4764, 90.9134

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.



76.3706, 82.3529, 90.4057



80.0779, 82.3529, 91.7959



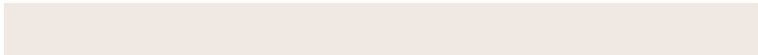
77.0980, 82.3529, 85.3479

Square

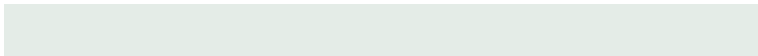
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



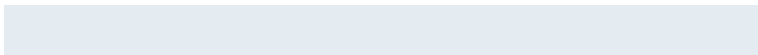
80.0779, 82.3529, 91.7959



79.0134, 82.3529, 84.6383



76.4973, 82.3529, 87.5738



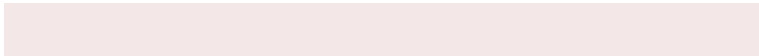
77.5392, 82.3529, 94.8938

Rectangle

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



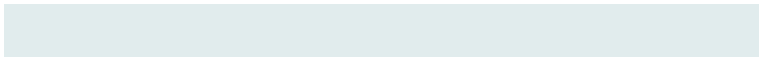
80.0779, 82.3529, 91.7959



80.0019, 82.3529, 87.1221



76.4973, 82.3529, 87.5738



76.5711, 82.3529, 92.2637

Sweetspot

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



80.0802, 82.3565, 91.7977



94.0882, 98.3223, 107.8214



78.8269, 81.6593, 94.0466



20.1489, 21.0627, 23.0896



0.0000, 0.0000, 0.0000



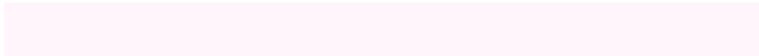
20.3446, 21.4041, 23.3091

Same Dimension

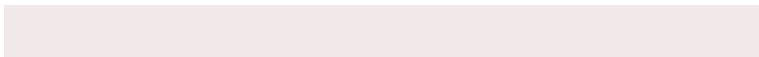
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0802, 82.3565, 91.7977



91.2718, 93.4198, 104.6311



79.5122, 82.1292, 88.8063



16.9726, 17.2834, 19.4572



22.7495, 11.3722, 17.1295



1.9406, 0.9653, 1.6782

Inverse Universe

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



80.0802, 82.3565, 91.7977



91.2718, 93.4198, 104.6311



80.0116, 85.7061, 93.9373



16.9726, 17.2834, 19.4572



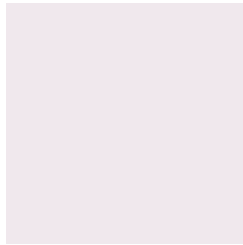
22.7495, 11.3722, 17.1295



1.9406, 0.9653, 1.6782

Previews

White Background



This preview shows how the XYZ color 80.0779, 82.3529, 91.7959 looks on a white background.

Color Contrast Check

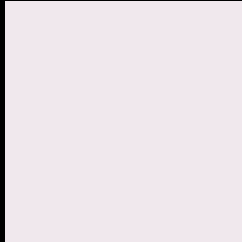
Large Text (above 18pt) WCAG AA × Fail

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 80.0779, 82.3529, 91.7959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

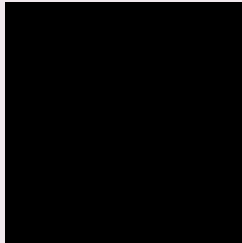
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

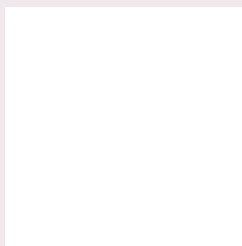
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0779, 82.3529, 91.7959

Background



This preview shows how black text looks on a background with the XYZ color 80.0779, 82.3529, 91.7959.



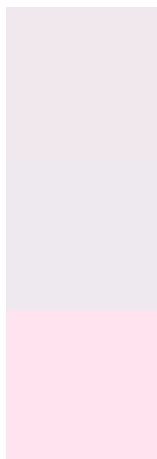
This preview shows how white text looks on a background with the XYZ color 80.0779, 82.3529,

91.7959.

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

80.0779, 82.3529, 91.7959

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

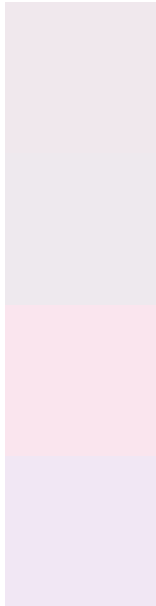
84.1417, 82.3712, 92.3534



Tritanopia

81.8580, 82.2482, 100.3680

Trichromacy



Original Color

80.0779, 82.3529, 91.7959

Protanomaly

79.8314, 82.6280, 92.6302

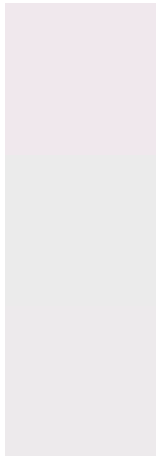
Deuteranomaly

82.8763, 82.5357, 92.4518

Tritanomaly

81.1807, 82.3843, 97.2110

Monochromacy



Original Color

80.0779, 82.3529, 91.7959

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4882, 82.9063, 91.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0779, 82.3529, 91.7959 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, 232, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 237)  
}
```

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, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.0779, 82.3529, 91.7959 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, 232, 237) }
```


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

```
.border{ border-color:rgb(240, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0779, 82.3529, 91.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 232, 237) }
```

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

```
.background{ background-color: rgb(240,  
232, 237) }
```

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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