

Converting Colors

XYZ(79.3301, 81.6594, 93.5517)

Have a look what the booklet for
XYZ(79.3301, 81.6594, 93.5517)
contains.

XYZ(79.0810, 81.3883, 93.2029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.0810, 81.3883,
93.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE7EF
RGB	237, 231, 239
RGB Percent	93%, 91%, 94%
CMY	0.0706, 0.0941, 0.0627
CMYK	0.01, 0.03, 0.00, 0.06
HSL	285°, 20%, 92%
HSV	285°, 3%, 94%
XYZ	79.0810, 81.3883, 93.2029
YIQ	233.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

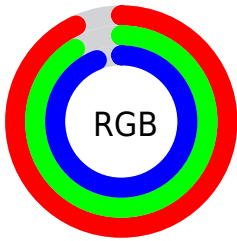
Format	Color
R _Y B	237, 231, 239
Decimal	15591407
CIE Lab	92.30, 3.44, -3.17
CIE LCh	92, 4.677, 317.391
Yxy	81.3883, 0.3117, 0.3208
Android (android.graphics.Color)	4293781487 (0xFFE7E7EF)
YUV	233.7060, 2.6099, 2.8888
Hunter-Lab	90.2155, -1.4077, 1.8975

Details

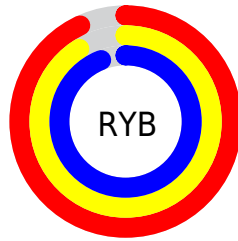
The XYZ color **79.0810, 81.3883, 93.2029** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8975, 84.8283, 87.8205**, and the grayscale version is **77.9668, 82.0272, 89.3276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9333, 43.9026, 51.0110** is the 20% darker color. If you saturate the color by 10%, you get **70.8815, 67.9018, 91.0331**, and if you desaturate by 10%, it is **88.2650, 96.7428, 95.6838**.

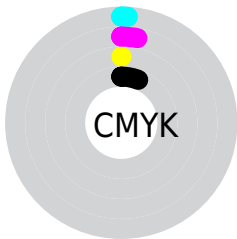
Distribution



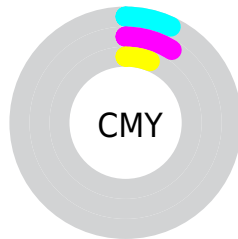
- Red (93%)
- Green (91%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0810, 81.3883, 93.2029 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 79.0810, 81.3883, 93.2029 by changing the saturation by 10% instead.

79.0810, 81.3883,
93.2029

79.0810, 81.3883,
93.2029

480.6142,
499.5993, 559.2323

59.2683, 60.8615,
70.0516

131.0302,
135.3159, 153.7536

43.0763, 44.1134,
51.0915

163.8974,
169.4854, 191.9901

30.1398, 30.7596,
35.9042

201.8468,
208.9712, 236.0920

20.0933, 20.4159,
24.0711

245.2437,
254.1578, 286.4779

12.5715, 12.6977,
15.1737

294.4536,
305.4295, 343.5664

7.2091, 7.2207,
8.7934

349.8417,

3.6407, 3.6005,

363.1707, 407.7759

4.5117

411.7734,
427.7658, 479.5250

■ 1.5010, 1.4527,
1.9101

■ 0.3265, 0.2551,
0.4991

■ 79.0810, 81.3883,
93.2029

■ 79.0810, 81.3883,
93.2029

■ 70.8815, 67.9018,
91.0331

■ 88.2650, 96.7428,
95.6838

■ 63.6222, 56.1989,
89.1568

■ 90.3916, 97.8838,
95.7919

■ 57.2654, 46.2043,
87.5627

■ 92.5558, 98.9995,
95.8932

■ 51.7684, 37.8333,
86.2367

■ 92.5802, 99.0121,
95.8944

■ 47.0844, 30.9935,
85.1633

■ 43.1622, 25.5835,
84.3258

■ 39.9444, 21.4892,
83.7052

■ 37.3644, 18.5789,
83.2794

■ 35.3418, 16.6925,
83.0219

Harmonies

Analogous

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



78.0541, 81.3883, 95.1256



79.0810, 81.3883, 93.2029



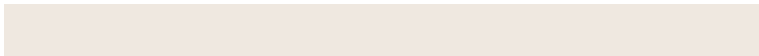
79.6484, 81.3883, 90.0796

Triad

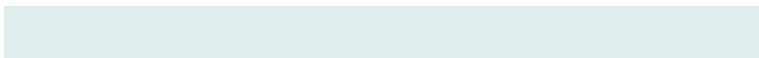
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0810, 81.3883, 93.2029



77.8658, 81.3883, 82.2774



75.1595, 81.3883, 90.6232

Complementary

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



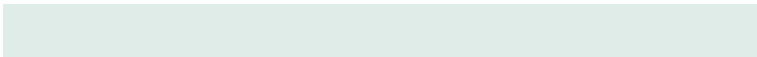
79.0810, 81.3883, 93.2029



78.8975, 84.8283, 87.8205

Split Complementary

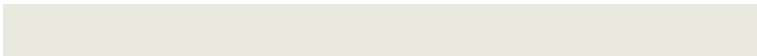
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1103, 81.3883, 87.1723



79.0810, 81.3883, 93.2029



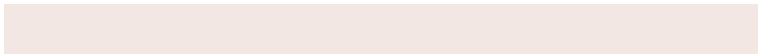
76.6643, 81.3883, 82.4143

Square

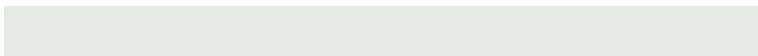
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



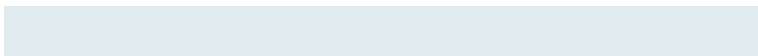
79.0810, 81.3883, 93.2029



78.9419, 81.3883, 83.8070



75.6585, 81.3883, 84.1860



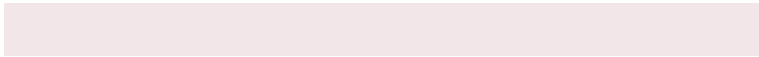
75.7937, 81.3883, 93.6097

Rectangle

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



79.0810, 81.3883, 93.2029



79.6859, 81.3883, 87.7642



75.6585, 81.3883, 84.1860



75.0742, 81.3883, 89.4773

Sweetspot

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



79.0833, 81.3918, 93.2047



94.0077, 98.2630, 108.6197



77.7149, 81.5778, 93.3127



20.1325, 21.0506, 23.2520



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.



79.0833, 81.3918, 93.2047



90.9497, 93.1833, 107.8003



79.4805, 81.6282, 91.7916



16.9013, 17.2311, 20.1568



19.0388, 8.8202, 45.8269



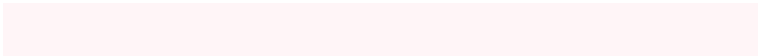
1.6740, 0.7802, 3.8166

Inverse Universe

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



78.8833, 81.3894, 88.6468



90.6747, 93.1810, 101.4865



78.5133, 84.5996, 89.1856



16.8412, 17.2309, 18.7656



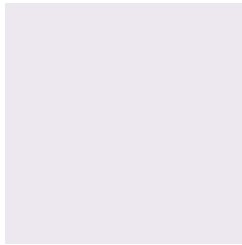
20.1630, 10.3376, 3.5088



1.7160, 0.8754, 0.4951

Previews

White Background



This preview shows how the XYZ color 79.0810, 81.3883, 93.2029 looks on a white background.

Color Contrast Check

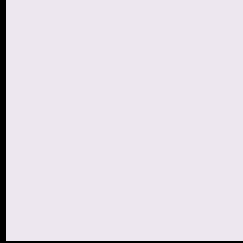
Large Text (above 18pt) WCAG AA × Fail

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 79.0810, 81.3883, 93.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

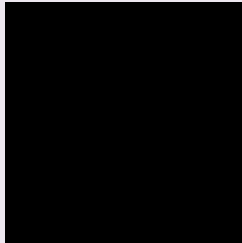
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

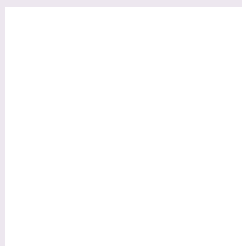
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0810, 81.3883, 93.2029

Background



This preview shows how black text looks on a background with the XYZ color 79.0810, 81.3883, 93.2029.



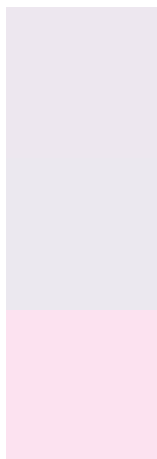
This preview shows how white text looks on a background with the XYZ color 79.0810, 81.3883,

93.2029.

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

79.0810, 81.3883, 93.2029

Protanopia

78.6976, 81.6074, 93.2653

Deuteranopia

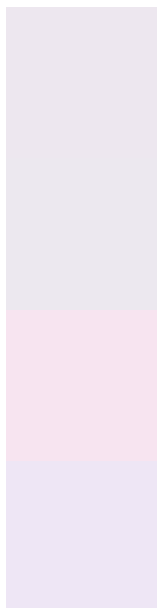
83.0694, 81.3794, 93.7676



Tritanopia

80.5000, 81.5481, 100.3045

Trichromacy



Original Color

79.0810, 81.3883, 93.2029

Protanomaly

79.0287, 81.7781, 93.2808

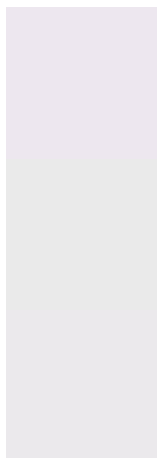
Deuteranomaly

81.8294, 81.5522, 93.8664

Tritanomaly

80.0381, 81.3633, 97.8724

Monochromacy



Original Color

79.0810, 81.3883, 93.2029

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5402, 81.9961, 91.0442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0810, 81.3883, 93.2029 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(237, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 239)  
}
```

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(237, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.0810, 81.3883, 93.2029 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(237, 231, 239) }
```


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

```
.border{ border-color:rgb(237, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0810, 81.3883, 93.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 239) }
```

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

```
.background{ background-color: rgb(237,  
231, 239) }
```

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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