

Converting Colors

XYZ(79.0441, 82.0255, 93.0131)

Have a look what the booklet for
XYZ(79.0441, 82.0255, 93.0131)
contains.

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Color

**XYZ(79.3110, 82.3427,
93.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE9EF
RGB	236, 233, 239
RGB Percent	93%, 91%, 94%
CMY	0.0745, 0.0863, 0.0627
CMYK	0.01, 0.03, 0.00, 0.06
HSL	270°, 16%, 93%
HSV	270°, 3%, 94%
XYZ	79.3110, 82.3427, 93.3749
YIQ	234.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

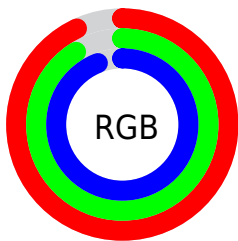
Format	Color
R _Y B	236, 233, 239
Decimal	15526383
CIE Lab	92.73, 2.08, -2.56
CIE LCh	93, 3.295, 309.138
Yxy	82.3427, 0.3110, 0.3229
Android (android.graphics.Color)	4293716463 (0xFFECE9EF)
YUV	234.5810, 2.1786, 1.2445
Hunter-Lab	90.7429, -2.7876, 2.5103

Details

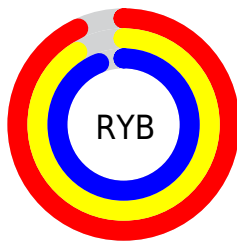
The XYZ color **79.3110, 82.3427, 93.3749** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1696, 85.4512, 89.3633**, and the grayscale version is **78.6333, 82.7283, 90.0911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0918, 44.5665, 51.1308** is the 20% darker color. If you saturate the color by 10%, you get **69.1608, 67.7392, 91.0923**, and if you desaturate by 10%, it is **90.0371, 97.7011, 95.7753**.

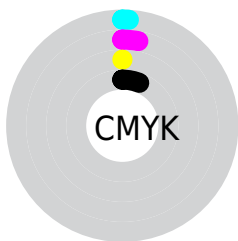
Distribution



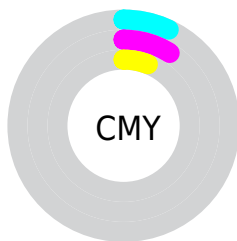
- Red (93%)
- Green (91%)
- Blue (94%)



- 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 79.3110, 82.3427, 93.3749 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 79.3110, 82.3427, 93.3749 by changing the saturation by 10% instead.

■ 79.3110, 82.3427,
93.3749

■ 79.3110, 82.3427,
93.3749

481.3798,
502.7933, 559.8001

■ 59.4581, 61.6481,
70.1937

131.3522,
136.6545, 153.9937

■ 43.2298, 44.7484,
51.2067

164.2712,
171.0404, 192.2685

■ 30.2607, 31.2593,
35.9953

202.2762,
210.7589, 236.4116

■ 20.1856, 20.7964,
24.1409

245.7327,
256.1943, 286.8415

■ 12.6391, 12.9752,
15.2250

295.0059,
307.7310, 343.9767

■ 7.2558, 7.4115,
8.8291

350.4613,

■ 3.6703, 3.7208,

365.7535, 408.2359

4.5346

412.4641,
430.6462, 480.0375

■ 1.5174, 1.5186,
1.9230

■ 0.3376, 0.3018,
0.5073

■ 79.3110, 82.3427,
93.3749

■ 79.3110, 82.3427,
93.3749

■ 69.1608, 67.7392,
91.0923

■ 90.0371, 97.7011,
95.7753

■ 60.1487, 55.0260,
89.1134

■ 92.5802, 99.0121,
95.8943

■ 52.2326, 44.1258,
87.4267

■ 45.3651, 34.9520,
86.0180

■ 39.4950, 27.4105,
84.8717

■ 34.5662, 21.3979,
83.9709

■ 30.5164, 16.7985,
83.2966

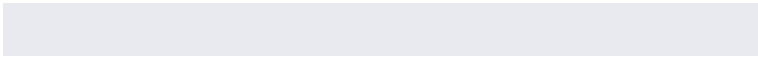
■ 27.2744, 13.4795,
82.8268

■ 24.7552, 11.2808,
82.5352

Harmonies

Analogous

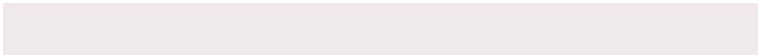
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5268, 82.3427, 94.4071



79.3110, 82.3427, 93.3749



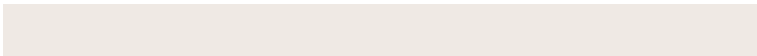
79.8172, 82.3427, 91.3516

Triad

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



79.3110, 82.3427, 93.3749



78.8537, 82.3427, 85.3110



76.6455, 82.3427, 90.4102

Complementary

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



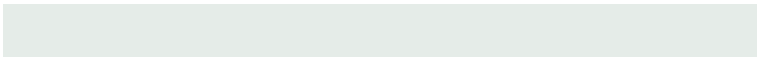
79.3110, 82.3427, 93.3749



80.1696, 85.4512, 89.3633

Split Complementary

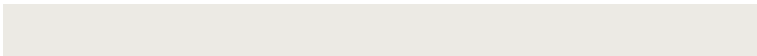
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7316, 82.3427, 87.9839



79.3110, 82.3427, 93.3749



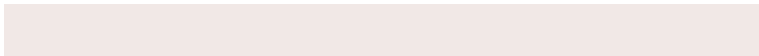
78.0024, 82.3427, 85.0694

Square

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



79.3110, 82.3427, 93.3749



79.5518, 82.3427, 86.7057



77.2268, 82.3427, 86.0395



76.9907, 82.3427, 92.6749

Rectangle

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



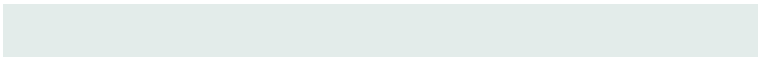
79.3110, 82.3427, 93.3749



79.9267, 82.3427, 89.7284



77.2268, 82.3427, 86.0395



76.6250, 82.3427, 89.5861

Sweetspot

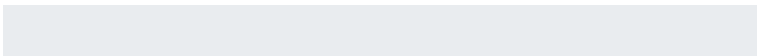
The Sweet Spot groups the original color and five complimentary colors.



79.3134, 82.3462, 93.3767



93.7741, 98.1426, 108.6087



79.2116, 83.6072, 93.6254



20.0850, 21.0261, 23.2498



0.0000, 0.0000, 0.0000



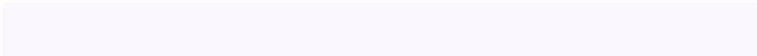
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3134, 82.3462, 93.3767



91.2638, 94.4971, 108.0374



80.2841, 82.8467, 93.4221



16.9151, 17.4399, 20.1963



12.9980, 5.7061, 45.5442



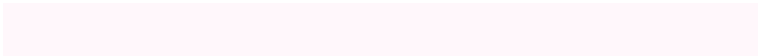
1.1961, 0.5338, 3.7942

Inverse Universe

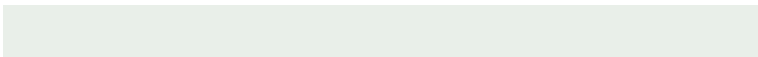
The Inverse Universe completely reimagines the original color for something new.



79.8787, 82.6884, 91.1114



92.0485, 94.9720, 104.8934



79.2145, 84.9588, 89.3186



17.0997, 17.5517, 19.4566



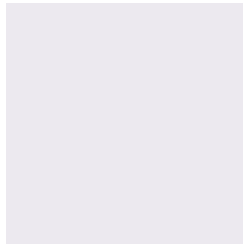
21.5969, 10.9112, 11.0599



1.8469, 0.9278, 1.1846

Previews

White Background



This preview shows how the XYZ color 79.3110, 82.3427, 93.3749 looks on a white background.

Color Contrast Check

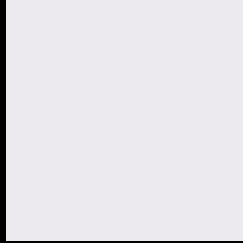
Large Text (above 18pt) WCAG AA × Fail

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 79.3110, 82.3427, 93.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

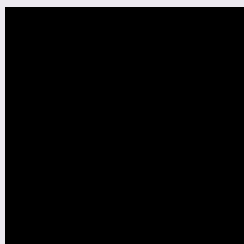
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

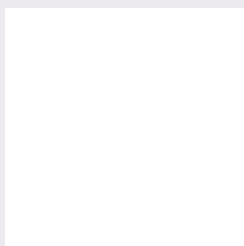
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3110, 82.3427, 93.3749

Background



This preview shows how black text looks on a background with the XYZ color 79.3110, 82.3427, 93.3749.



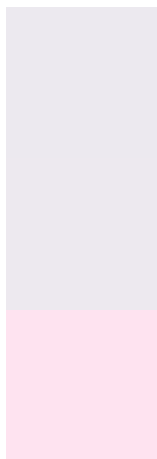
This preview shows how white text looks on a background with the XYZ color 79.3110, 82.3427,

93.3749.

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

79.3110, 82.3427, 93.3749

Protanopia

79.6440, 82.5143, 93.3905

Deuteranopia

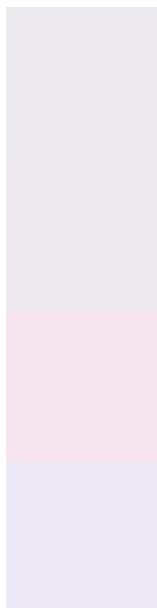
84.0703, 82.3003, 93.8926



Tritanopia

81.0911, 82.2311, 102.0407

Trichromacy



Original Color

79.3110, 82.3427, 93.3749

Protanomaly

79.6440, 82.5143, 93.3905

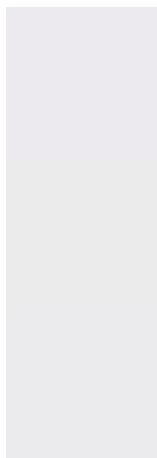
Deuteranomaly

82.1053, 82.1041, 93.9583

Tritanomaly

80.4162, 82.3716, 98.8497

Monochromacy



Original Color

79.3110, 82.3427, 93.3749

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.8241, 82.5639, 91.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3110, 82.3427, 93.3749 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(236, 233, 239) looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 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(236, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.3110, 82.3427, 93.3749 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(236, 233, 239) }
```


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

```
.border{ border-color:rgb(236, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3110, 82.3427, 93.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 233, 239) }
```

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

```
.background{ background-color: rgb(236,  
233, 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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