

Converting Colors

XYZ(79.2023, 81.2829, 87.7485)

Have a look what the booklet for
XYZ(79.2023, 81.2829, 87.7485)
contains.

XYZ(79.1379, 81.1206, 87.8308)	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(79.1379, 81.1206,
87.8308)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E6E8
RGB	241, 230, 232
RGB Percent	95%, 90%, 91%
CMY	0.0549, 0.0980, 0.0902
CMYK	0.00, 0.05, 0.04, 0.05
HSL	349°, 28%, 92%
HSV	349°, 5%, 95%
XYZ	79.1379, 81.1206, 87.8308
YIQ	233.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

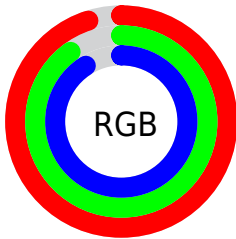
Format	Color
R _Y B	241, 230, 232
Decimal	15853288
CIE Lab	92.19, 4.07, 0.35
CIE LCh	92, 4.082, 4.913
Yxy	81.1206, 0.3190, 0.3270
Android (android.graphics.Color)	4294043368 (0xFFFF1E6E8)
YUV	233.5170, -0.7479, 6.5626
Hunter-Lab	90.0670, -0.7771, 5.2289

Details

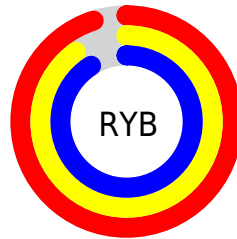
The XYZ color **79.1379, 81.1206, 87.8308** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6714, 85.9676, 94.0598**, and the grayscale version is **77.8460, 81.9001, 89.1892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1740, 44.1088, 47.3126** is the 20% darker color. If you saturate the color by 10%, you get **70.2432, 67.5656, 71.8094**, and if you desaturate by 10%, it is **89.2789, 96.6628, 105.8212**.

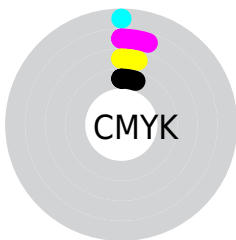
Distribution



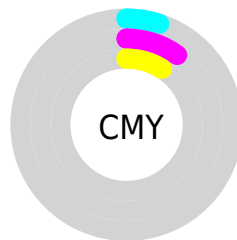
- Red (95%)
- Green (90%)
- Blue (91%)



- Red (95%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1379, 81.1206, 87.8308 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 79.1379, 81.1206, 87.8308 by changing the saturation by 10% instead.


 79.1379, 81.1206,
87.8308

 79.1379, 81.1206,
87.8308


480.8036,
498.7014, 541.3359

 59.3152, 60.6409,
65.6194


131.1099,
134.9401, 146.2306

 43.1143, 43.9354,
47.5090


163.9899,
169.0487, 183.2562

 30.1697, 30.6198,
33.0810


201.9531,
208.4691, 226.0568

 20.1161, 20.3095,
21.9169

245.3647,
253.5856, 275.0511

 12.5882, 12.6202,
13.5981

294.5903,
304.7827, 330.6577

 7.2207, 7.1675,
7.7061

349.9950,

 3.6480, 3.5671,

362.4448, 393.2950

3.8224

411.9444,
426.9562, 463.3815

■ 1.5050, 1.4345,
1.5284

■ 0.3292, 0.2419,
0.2390

■ 79.1379, 81.1206,
87.8308

■ 79.1379, 81.1206,
87.8308

■ 70.2432, 67.5656,
71.8094

■ 89.2789, 96.6628,
105.8212

■ 62.5398, 55.9075,
57.6847

■ 90.0860, 97.4410,
108.6677

■ 55.9786, 46.0647,
45.3875

■ 50.5047, 37.9455,
34.8425

■ 46.0583, 31.4502,
25.9691

■ 42.5738, 26.4689,
18.6801

■ 39.9781, 22.8779,
12.8804

■ 38.1867, 20.5340,
8.4643

■ 37.0983, 19.2623,
5.3112

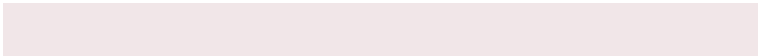
Harmonies

Analogous

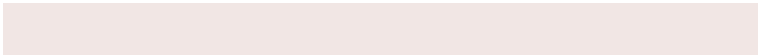
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9512, 81.1206, 90.8084



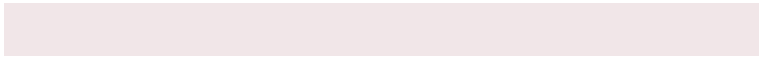
79.1379, 81.1206, 87.8308



78.7752, 81.1206, 85.0488

Triad

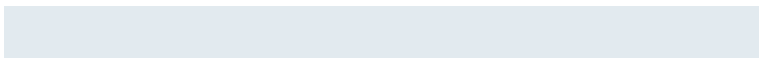
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1379, 81.1206, 87.8308



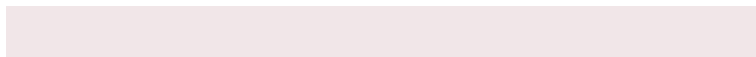
75.9495, 81.1206, 83.6557



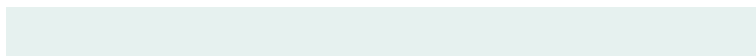
76.2473, 81.1206, 93.6837

Complementary

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



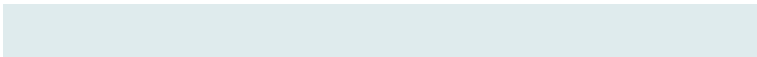
79.1379, 81.1206, 87.8308



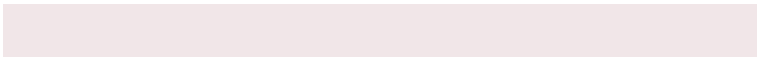
79.6714, 85.9676, 94.0598

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.



75.4540, 81.1206, 91.6875



79.1379, 81.1206, 87.8308



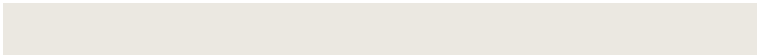
75.2832, 81.1206, 85.8904

Square

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



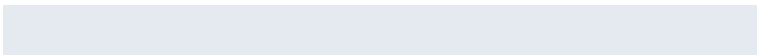
79.1379, 81.1206, 87.8308



76.9294, 81.1206, 82.6735



75.1027, 81.1206, 88.8241



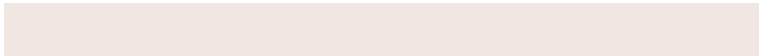
77.2763, 81.1206, 94.2316

Rectangle

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



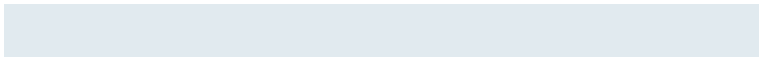
79.1379, 81.1206, 87.8308



78.2726, 81.1206, 83.6655



75.1027, 81.1206, 88.8241



75.9445, 81.1206, 93.1576

Sweetspot

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



79.1402, 81.1241, 87.8326



93.9076, 98.2501, 106.8705



79.7675, 81.2960, 94.7075



20.1121, 21.0480, 22.8961



0.0000, 0.0000, 0.0000



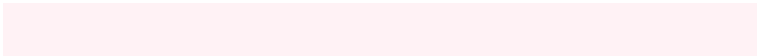
20.3446, 21.4041, 23.3091

Same Dimension

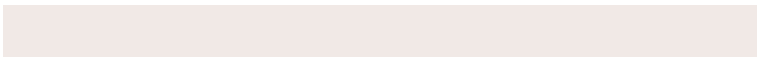
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1402, 81.1241, 87.8326



89.4816, 91.4792, 98.9790



79.8369, 82.9688, 86.6739



16.6273, 16.9308, 18.3005



19.9506, 10.2527, 2.3904



1.6923, 0.8660, 0.3704

Inverse Universe

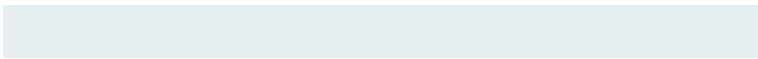
The Inverse Universe completely reimagines the original color for something new.



79.1402, 81.1241, 87.8326



89.4816, 91.4792, 98.9790



78.9471, 84.0444, 95.2813



16.6273, 16.9308, 18.3005



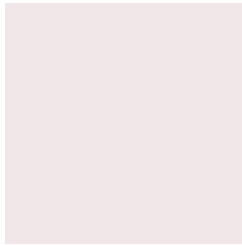
19.9506, 10.2527, 2.3904



1.6923, 0.8660, 0.3704

Previews

White Background



This preview shows how the XYZ color 79.1379, 81.1206, 87.8308 looks on a white background.

Color Contrast Check

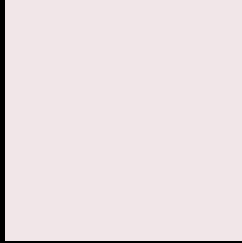
Large Text (above 18pt) WCAG AA × Fail

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 79.1379, 81.1206, 87.8308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

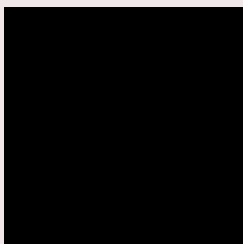
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

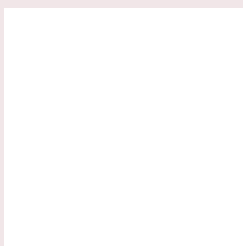
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1379, 81.1206, 87.8308

Background



This preview shows how black text looks on a background with the XYZ color 79.1379, 81.1206, 87.8308.



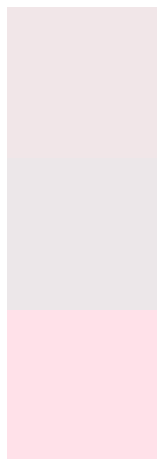
This preview shows how white text looks on a background with the XYZ color 79.1379, 81.1206,

87.8308.

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

79.1379, 81.1206, 87.8308

Protanopia

77.8760, 80.8679, 88.5954

Deuteranopia

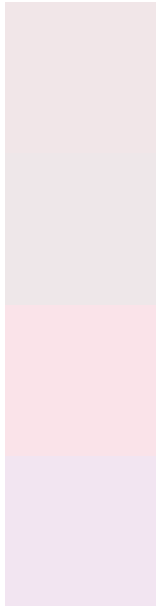
82.8732, 80.9936, 88.3562



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

79.1379, 81.1206, 87.8308

Protanomaly

78.5438, 81.2122, 88.6266

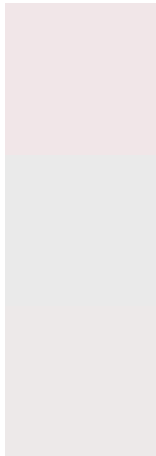
Deuteranomaly

81.6014, 81.1454, 88.4526

Tritanomaly

80.5144, 81.2667, 94.6616

Monochromacy



Original Color

79.1379, 81.1206, 87.8308

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.7719, 82.1655, 88.7986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1379, 81.1206, 87.8308 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(241, 230, 232) looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 232)  
}
```

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(241, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.1379, 81.1206, 87.8308 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(241, 230, 232) }
```


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

```
.border{ border-color:rgb(241, 230, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1379, 81.1206, 87.8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 232) }
```

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

```
.background{ background-color: rgb(241,  
230, 232) }
```

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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