

Converting Colors

XYZ(81.2292, 83.9584, 90.4809)

Have a look what the booklet for
XYZ(81.2292, 83.9584, 90.4809)
contains.

| | |
|--|----|
| XYZ(81.0362, 83.7210, 90.4860) | 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(81.0362, 83.7210,
90.4860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2EAEB |
| RGB | 242, 234, 235 |
| RGB Percent | 95%, 92%, 92% |
| CMY | 0.0510, 0.0823, 0.0784 |
| CMYK | 0.00, 0.03, 0.03, 0.05 |
| HSL | 353°, 24%, 93% |
| HSV | 353°, 3%, 95% |
| XYZ | 81.0362, 83.7210, 90.4860 |
| YIQ | 236.5060, 4.4470, 2.0070 |

Conversions

Conversions Part 2

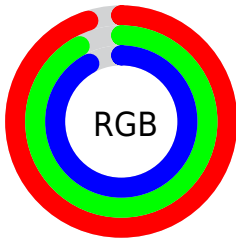
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 242, 234, 235 |
| Decimal | 15919851 |
| CIE Lab | 93.33, 2.87, 0.46 |
| CIE LCh | 93, 2.906, 9.195 |
| Yxy | 83.7210, 0.3175, 0.3280 |
| Android (android.graphics.Color) | 4294109931 (0xFF2EAEB) |
| YUV | 236.5060, -0.7425, 4.8182 |
| Hunter-Lab | 91.4992, -2.0351, 5.4160 |

Details

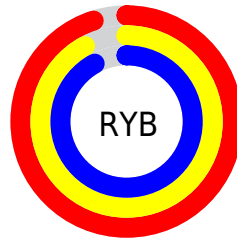
The XYZ color **81.0362, 83.7210, 90.4860** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5642, 87.3498, 95.7848**, and the grayscale version is **80.1218, 84.2943, 91.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3068, 45.5346, 49.1017** is the 20% darker color. If you saturate the color by 10%, you get **71.7312, 69.7204, 73.1720**, and if you desaturate by 10%, it is **90.4285, 97.6175, 108.6837**.

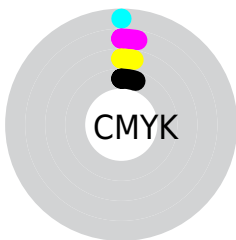
Distribution



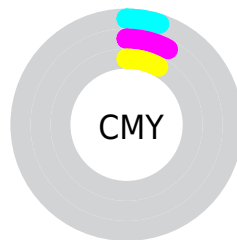
- Red (95%)
- Green (92%)
- Blue (92%)



- Red (95%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0362, 83.7210, 90.4860 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 81.0362, 83.7210, 90.4860 by changing the saturation by 10% instead.

81.0362, 83.7210,
90.4860

81.0362, 83.7210,
90.4860

487.1016,
507.3863, 550.2214

60.8828, 62.7851,
67.8078

133.7645,
138.5848, 149.9547

44.3828, 45.6674,
49.2757

167.0701,
173.2816, 187.5823

31.1707, 31.9834,
34.4711

205.4905,
213.3340, 231.0301

20.8814, 21.3488,
22.9754

249.3910,
259.1266, 280.7167

13.1493, 13.3792,
14.3702

299.1370,
311.0438, 337.0606

7.6091, 7.6902,
8.2369

355.0939,

3.8956, 3.8974,

369.4698, 400.4803

4.1570

417.6270,
434.7892, 471.3944

■ 1.6432, 1.6163,
1.7119

■ 0.4203, 0.3686,
0.3688

■ 81.0362, 83.7210,
90.4860

■ 81.0362, 83.7210,
90.4860

■ 71.7312, 69.7204,
73.1720

■ 90.4285, 97.6175,
108.6837

■ 63.6788, 57.6630,
58.0101

■ 56.8275, 47.4664,
44.9177

■ 51.1193, 39.0376,
33.8046

■ 46.4915, 32.2758,
24.5741

■ 42.8755, 27.0702,
17.1215

■ 40.1944, 23.2961,
11.3314

■ 38.3602, 20.8102,
7.0749

■ 37.2677, 19.4385,
4.2035

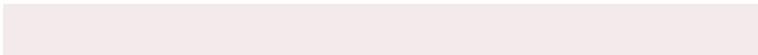
Harmonies

Analogous

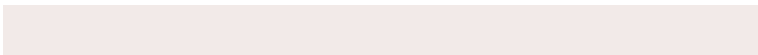
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9582, 83.7210, 92.6635



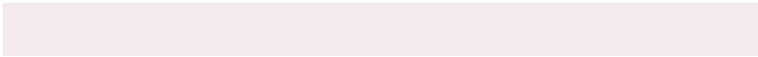
81.0362, 83.7210, 90.4860



80.7205, 83.7210, 88.5198

Triad

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



81.0362, 83.7210, 90.4860



78.6477, 83.7210, 87.9297



79.0526, 83.7210, 95.1557

Complementary

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



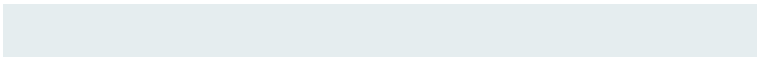
81.0362, 83.7210, 90.4860



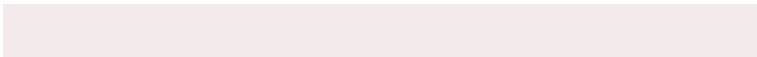
81.5642, 87.3498, 95.7848

Split Complementary

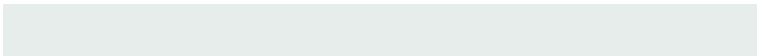
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4390, 83.7210, 93.8480



81.0362, 83.7210, 90.4860



78.2062, 83.7210, 89.6688

Square

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



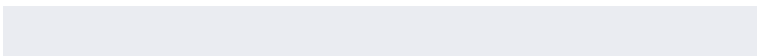
81.0362, 83.7210, 90.4860



79.3393, 83.7210, 87.0595



78.1301, 83.7210, 91.8332



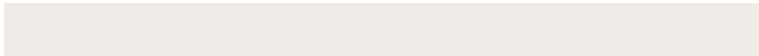
79.8097, 83.7210, 95.3830

Rectangle

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



81.0362, 83.7210, 90.4860



80.3305, 83.7210, 87.5849



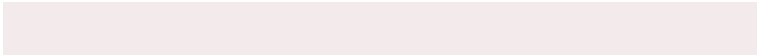
78.1301, 83.7210, 91.8332



78.8229, 83.7210, 94.8269

Sweetspot

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



81.0386, 83.7246, 90.4878



93.8845, 98.2408, 106.7487



81.7053, 83.9492, 95.9032



20.1074, 21.0461, 22.8713



0.0000, 0.0000, 0.0000



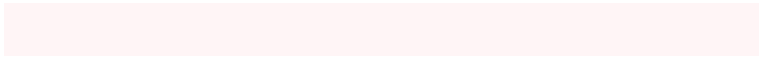
20.3446, 21.4041, 23.3091

Same Dimension

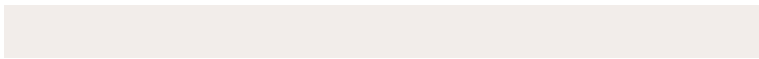
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0386, 83.7246, 90.4878



90.4773, 93.1020, 100.4474



81.7367, 85.3506, 90.0125



16.7980, 17.2136, 18.5376



19.8248, 10.2024, 1.7282



1.6748, 0.8590, 0.2782

Inverse Universe

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



81.0386, 83.7246, 90.4878



90.4773, 93.1020, 100.4474



80.8477, 85.6781, 96.2821



16.7980, 17.2136, 18.5376



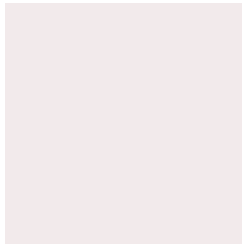
19.8248, 10.2024, 1.7282



1.6748, 0.8590, 0.2782

Previews

White Background



This preview shows how the XYZ color 81.0362, 83.7210, 90.4860 looks on a white background.

Color Contrast Check

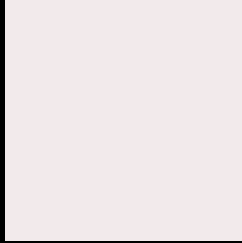
Large Text (above 18pt) WCAG AA × Fail

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 81.0362, 83.7210, 90.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

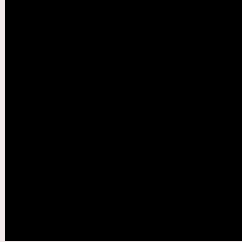
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

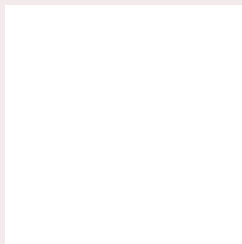
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0362, 83.7210, 90.4860

Background



This preview shows how black text looks on a background with the XYZ color 81.0362, 83.7210, 90.4860.



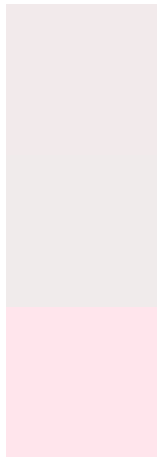
This preview shows how white text looks on a background with the XYZ color 81.0362, 83.7210,

90.4860.

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

81.0362, 83.7210, 90.4860

Protanopia

80.6389, 83.9401, 90.5492

Deuteranopia

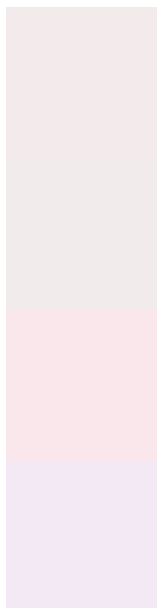
84.3996, 83.3548, 90.9976



Tritanopia

83.4202, 83.8484, 102.2301

Trichromacy



Original Color

81.0362, 83.7210, 90.4860

Protanomaly

80.9794, 84.1156, 90.5651

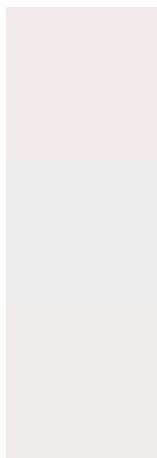
Deuteranomaly

83.1406, 83.5320, 91.0982

Tritanomaly

82.5825, 83.9251, 98.2328

Monochromacy



Original Color

81.0362, 83.7210, 90.4860

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.7324, 84.3978, 91.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0362, 83.7210, 90.4860 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(242, 234, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 234, 235)  
}
```

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(242, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 234, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.0362, 83.7210, 90.4860 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(242, 234, 235) }
```


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

```
.border{ border-color:rgb(242, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 234,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0362, 83.7210, 90.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 234, 235) }
```

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

```
.background{ background-color: rgb(242,  
234, 235) }
```

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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