

Converting Colors

XYZ(80.7193, 82.1122, 91.5047)

Have a look what the booklet for
XYZ(80.7193, 82.1122, 91.5047)
contains.

XYZ(80.8241, 82.3209, 91.7504)	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(80.8241, 82.3209,
91.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E7ED
RGB	243, 231, 237
RGB Percent	95%, 91%, 93%
CMY	0.0471, 0.0941, 0.0706
CMYK	0.00, 0.05, 0.02, 0.05
HSL	330°, 33%, 93%
HSV	330°, 5%, 95%
XYZ	80.8241, 82.3209, 91.7504
YIQ	235.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

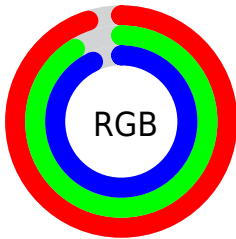
Format	Color
R _Y B	243, 231, 237
Decimal	15984621
CIE Lab	92.72, 5.10, -1.46
CIE LCh	93, 5.302, 343.970
Yxy	82.3209, 0.3171, 0.3230
Android (android.graphics.Color)	4294174701 (0xFFFF3E7ED)
YUV	235.2720, 0.8519, 6.7775
Hunter-Lab	90.7309, 0.2308, 3.5554

Details

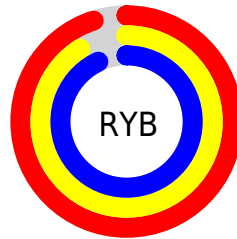
The XYZ color **80.8241, 82.3209, 91.7504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2947, 87.2067, 92.7256**, and the grayscale version is **79.1657, 83.2885, 90.7012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1640, 44.5609, 49.9895** is the 20% darker color. If you saturate the color by 10%, you get **72.7740, 68.9660, 80.6013**, and if you desaturate by 10%, it is **89.8458, 97.4242, 103.8192**.

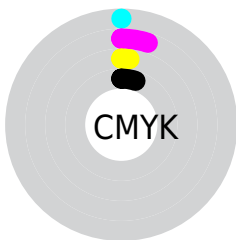
Distribution



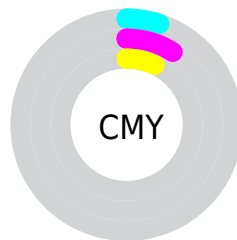
- Red (95%)
- Green (91%)
- Blue (93%)



- Red (95%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8241, 82.3209, 91.7504 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 80.8241, 82.3209, 91.7504 by changing the saturation by 10% instead.


 80.8241, 82.3209,
91.7504

 80.8241, 82.3209,
91.7504


486.4001,
502.7205, 554.4249

 60.7075, 61.6301,
68.8515


133.4682,
136.6239, 151.7241

 44.2408, 44.7339,
50.1197


166.7265,
171.0049, 189.6359

 31.0586, 31.2479,
35.1367


205.0960,
210.7181, 233.3892

 20.7955, 20.7877,
23.4838

248.9421,
256.1478, 283.4023

 13.0862, 12.9689,
14.7425

298.6303,
307.6785, 340.0939

 7.5654, 7.4071,
8.4943

354.5257,

 3.8676, 3.7180,

365.6946, 403.8825

4.3205

416.9939,
430.5805, 475.1867

■ 1.6275, 1.5171,
1.8028

■ 0.4102, 0.3007,
0.4298

■ 80.8241, 82.3209,
91.7504

■ 80.8241, 82.3209,
91.7504

■ 72.7740, 68.9660,
80.6013

■ 89.8458, 97.4242,
103.8192

■ 65.7451, 57.4657,
70.3738

■ 90.7726, 97.7949,
108.6998

■ 59.6960, 47.7400,
61.0431

■ 54.5795, 39.6988,
52.5810

■ 50.3447, 33.2440,
44.9577

■ 46.9351, 28.2674,
38.1409

■ 44.2875, 24.6467,
32.0959

■ 42.3286, 22.2402,
26.7836

■ 40.9688, 20.8737,
22.1592

Harmonies

Analogous

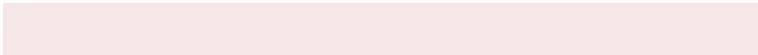
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1021, 82.3209, 95.2201



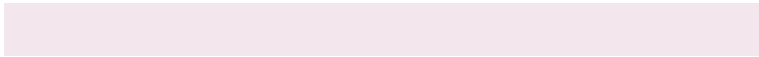
80.8241, 82.3209, 91.7504



80.8494, 82.3209, 87.8097

Triad

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



80.8241, 82.3209, 91.7504



77.6041, 82.3209, 82.4527



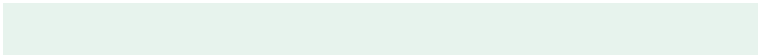
76.3476, 82.3209, 95.0189

Complementary

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



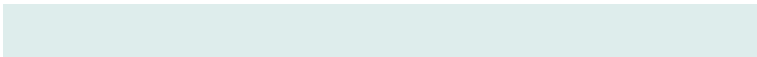
80.8241, 82.3209, 91.7504



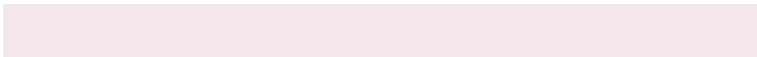
80.2947, 87.2067, 92.7256

Split Complementary

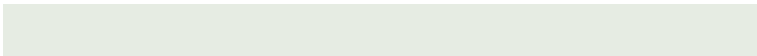
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6943, 82.3209, 91.4823



80.8241, 82.3209, 91.7504



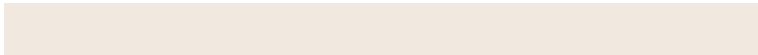
76.4140, 82.3209, 84.2697

Square

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



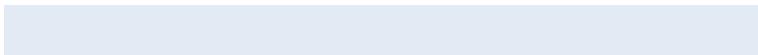
80.8241, 82.3209, 91.7504



78.9793, 82.3209, 82.5197



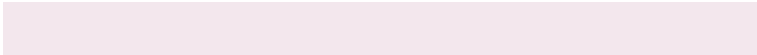
75.7185, 82.3209, 87.5493



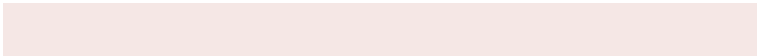
77.5124, 82.3209, 97.1447

Rectangle

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



80.8241, 82.3209, 91.7504



80.4670, 82.3209, 85.4501



75.7185, 82.3209, 87.5493



76.0615, 82.3209, 93.9512

Sweetspot

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



80.8264, 82.3245, 91.7522



94.0372, 98.3019, 107.5527



79.6816, 81.6313, 96.3519



20.1385, 21.0586, 23.0349



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

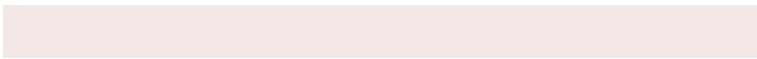
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8264, 82.3245, 91.7522



89.1540, 90.1406, 100.9770



79.9648, 81.9798, 87.2146



17.3580, 17.4743, 19.6333



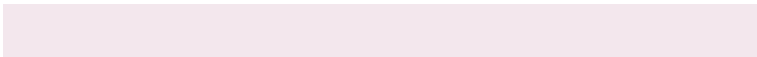
22.2639, 11.2490, 11.3641



2.0086, 1.0094, 1.2719

Inverse Universe

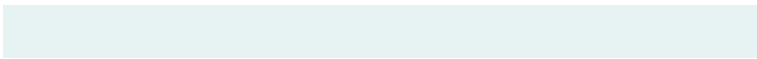
The Inverse Universe completely reimagines the original color for something new.



80.8264, 82.3245, 91.7522



89.1540, 90.1406, 100.9770



81.1857, 87.5631, 97.4176



17.3580, 17.4743, 19.6333



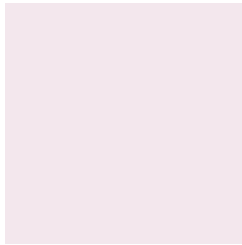
22.2639, 11.2490, 11.3641



2.0086, 1.0094, 1.2719

Previews

White Background



This preview shows how the XYZ color 80.8241, 82.3209, 91.7504 looks on a white background.

Color Contrast Check

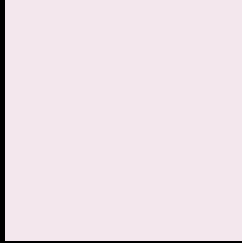
Large Text (above 18pt) WCAG AA × Fail

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 80.8241, 82.3209, 91.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

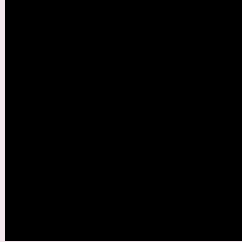
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

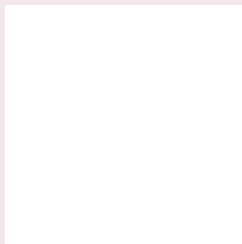
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8241, 82.3209, 91.7504

Background



This preview shows how black text looks on a background with the XYZ color 80.8241, 82.3209, 91.7504.



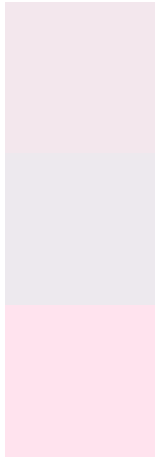
This preview shows how white text looks on a background with the XYZ color 80.8241, 82.3209,

91.7504.

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

80.8241, 82.3209, 91.7504

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

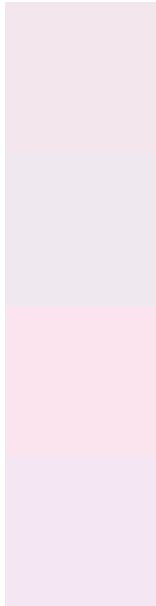
84.1417, 82.3712, 92.3534



Tritanopia

82.4640, 82.1665, 99.5091

Trichromacy



Original Color

80.8241, 82.3209, 91.7504

Protanomaly

79.8858, 82.2370, 92.5518

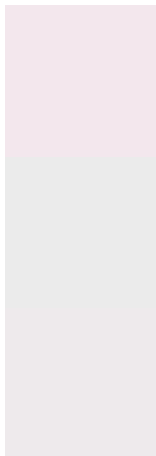
Deuteranomaly

82.9597, 82.1691, 92.3767

Tritanomaly

81.7827, 82.2978, 96.3687

Monochromacy



Original Color

80.8241, 82.3209, 91.7504

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.8230, 83.0789, 91.1856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8241, 82.3209, 91.7504 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(243, 231, 237) looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 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(243, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.8241, 82.3209, 91.7504 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(243, 231, 237) }
```


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

```
.border{ border-color:rgb(243, 231, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8241, 82.3209, 91.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 237) }
```

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

```
.background{ background-color: rgb(243,  
231, 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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