

Converting Colors

XYZ(81.7094, 84.4611, 92.1624)

Have a look what the booklet for
XYZ(81.7094, 84.4611, 92.1624)
contains.

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Color

**XYZ(81.6123, 84.4083,
92.1118)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EBED
RGB	242, 235, 237
RGB Percent	95%, 92%, 93%
CMY	0.0510, 0.0784, 0.0706
CMYK	0.00, 0.03, 0.02, 0.05
HSL	343°, 21%, 94%
HSV	343°, 3%, 95%
XYZ	81.6123, 84.4083, 92.1118
YIQ	237.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

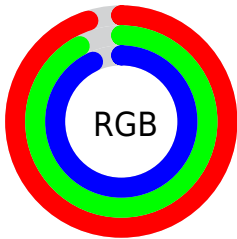
Format	Color
R _Y B	242, 235, 237
Decimal	15920109
CIE Lab	93.63, 2.70, -0.14
CIE LCh	94, 2.707, 357.019
Yxy	84.4083, 0.3162, 0.3270
Android (android.graphics.Color)	4294110189 (0xFFFF2EBED)
YUV	237.3210, -0.1583, 4.1035
Hunter-Lab	91.8740, -2.2167, 4.8683

Details

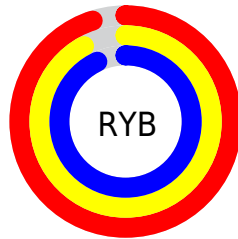
The XYZ color **81.6123, 84.4083, 92.1118** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.7444, 87.4598, 95.0153**, and the grayscale version is **80.7449, 84.9499, 92.5104**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7103, 46.0155, 50.2415** is the 20% darker color. If you saturate the color by 10%, you get **72.7438, 70.5212, 77.2843**, and if you desaturate by 10%, it is **90.3154, 97.5723, 108.0888**.

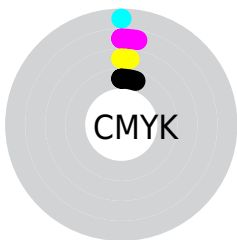
Distribution



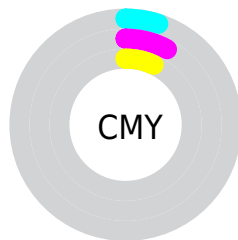
- Red (95%)
- Green (92%)
- Blue (93%)



- Red (95%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6123, 84.4083, 92.1118 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 81.6123, 84.4083, 92.1118 by changing the saturation by 10% instead.

81.6123, 84.4083,
92.1118

81.6123, 84.4083,
92.1118

489.0041,
509.6681, 555.6232

61.3590, 63.3526,
69.1499

134.5688,
139.5462, 152.2294

44.7686, 46.1265,
50.3613

168.0028,
174.3971, 190.2222

31.4757, 32.3457,
35.3274

206.5611,
214.6153, 234.0624

21.1150, 21.6257,
23.6296

250.6090,
260.5851, 284.1685

13.3210, 13.5821,
14.8494

300.5119,
312.6909, 340.9591

7.7285, 7.8306,
8.5683

356.6351,

3.9720, 3.9867,

371.3170, 404.8527

4.3678

419.3441,
436.8480, 476.2679

■ 1.6863, 1.6661,
1.8292

■ 0.4477, 0.4016,
0.4471

■ 81.6123, 84.4083,
92.1118

■ 81.6123, 84.4083,
92.1118

■ 72.7438, 70.5212,
77.2843

■ 90.3154, 97.5723,
108.0888

■ 65.0145, 58.5347,
64.0041

■ 90.4284, 97.6175,
108.6837

■ 58.3794, 48.3688,
52.2219

■ 52.7875, 39.9338,
41.8836

■ 48.1836, 33.1322,
32.9316

■ 44.5076, 27.8567,
25.3044

■ 41.6921, 23.9873,
18.9353

■ 39.6603, 21.3854,
13.7513

■ 38.3201, 19.8840,
9.6704

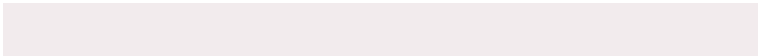
Harmonies

Analogous

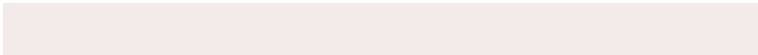
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3897, 84.4083, 94.0725



81.6123, 84.4083, 92.1118



81.4621, 84.4083, 90.1242

Triad

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



81.6123, 84.4083, 92.1118



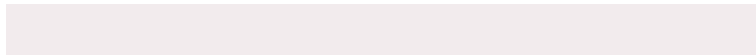
79.6029, 84.4083, 88.4334



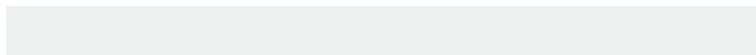
79.4794, 84.4083, 95.2585

Complementary

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



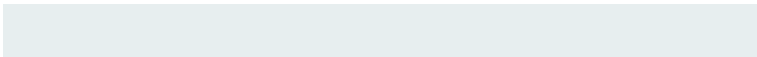
81.6123, 84.4083, 92.1118



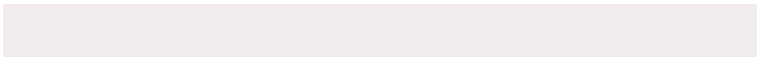
81.7444, 87.4598, 95.0153

Split Complementary

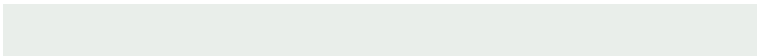
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0056, 84.4083, 93.7117



81.6123, 84.4083, 92.1118



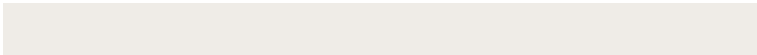
79.0766, 84.4083, 89.7736

Square

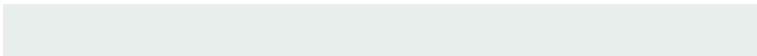
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



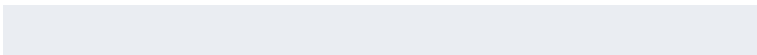
81.6123, 84.4083, 92.1118



80.2993, 84.4083, 88.0192



78.8586, 84.4083, 91.7011



80.1559, 84.4083, 95.9062

Rectangle

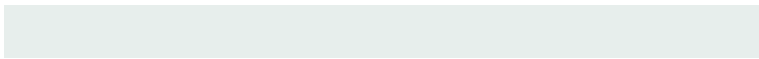
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



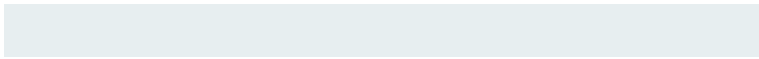
81.6123, 84.4083, 92.1118



81.1712, 84.4083, 89.0478



78.8586, 84.4083, 91.7011



79.2913, 84.4083, 94.8253

Sweetspot

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



81.6147, 84.4119, 92.1136



93.9498, 98.2670, 107.0926



81.6393, 84.3391, 95.9817



20.1207, 21.0514, 22.9413



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.



81.6147, 84.4119, 92.1136



91.7900, 94.8686, 103.5324



81.7268, 85.1003, 90.7201



17.0392, 17.5274, 19.1376



20.3000, 10.3924, 4.2303



1.7301, 0.8811, 0.5693

Inverse Universe

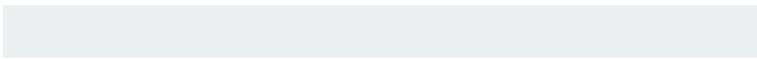
The Inverse Universe completely reimagines the original color for something new.



81.6147, 84.4119, 92.1136



91.7900, 94.8686, 103.5324



81.6277, 86.7494, 96.4475



17.0392, 17.5274, 19.1376



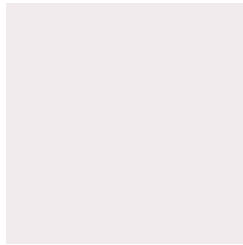
20.3000, 10.3924, 4.2303



1.7301, 0.8811, 0.5693

Previews

White Background



This preview shows how the XYZ color 81.6123, 84.4083, 92.1118 looks on a white background.

Color Contrast Check

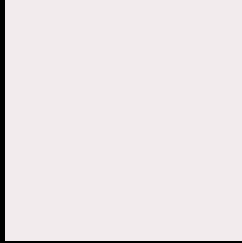
Large Text (above 18pt) WCAG AA × Fail

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 81.6123, 84.4083, 92.1118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

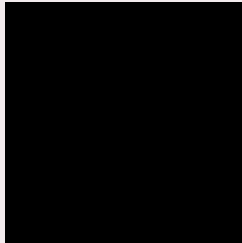
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

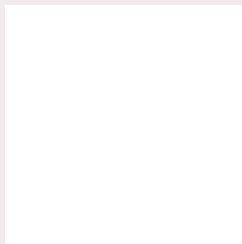
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6123, 84.4083, 92.1118

Background



This preview shows how black text looks on a background with the XYZ color 81.6123, 84.4083, 92.1118.



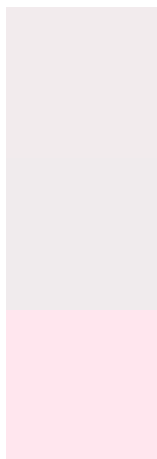
This preview shows how white text looks on a background with the XYZ color 81.6123, 84.4083,

92.1118.

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

81.6123, 84.4083, 92.1118

Protanopia

80.9296, 84.0564, 92.0798

Deuteranopia

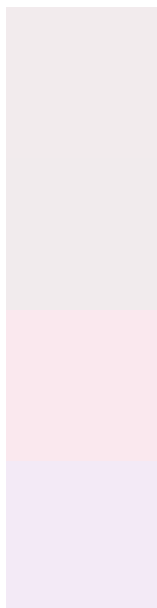
84.9694, 84.0267, 92.6293



Tritanopia

83.8597, 84.4760, 103.1524

Trichromacy



Original Color

81.6123, 84.4083, 92.1118

Protanomaly

81.2700, 84.2319, 92.0957

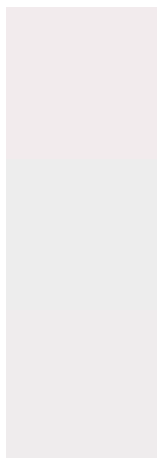
Deuteranomaly

83.7136, 84.2103, 92.7309

Tritanomaly

83.0195, 84.5541, 99.1338

Monochromacy



Original Color

81.6123, 84.4083, 92.1118

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8781, 84.4561, 92.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6123, 84.4083, 92.1118 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, 235, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 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(242, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 237) }
```

Border

The CSS property to change the border of an element to XYZ 81.6123, 84.4083, 92.1118 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, 235, 237) }
```


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

```
.border{ border-color:rgb(242, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6123, 84.4083, 92.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 237) }
```

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

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