

Converting Colors

XYZ(83.4042, 85.4109, 96.6899)

Have a look what the booklet for
XYZ(83.4042, 85.4109, 96.6899)
contains.

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Color

**XYZ(83.1942, 85.1208,
96.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EBF3
RGB	244, 235, 243
RGB Percent	96%, 92%, 95%
CMY	0.0431, 0.0784, 0.0471
CMYK	0.00, 0.04, 0.00, 0.04
HSL	307°, 29%, 94%
HSV	307°, 4%, 96%
XYZ	83.1942, 85.1208, 96.8392
YIQ	238.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

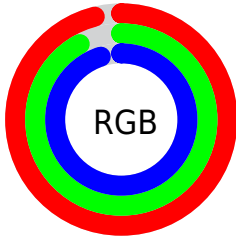
Format	Color
R_{YB}	244, 235, 243
Decimal	16051187
CIE _{Lab}	93.94, 4.43, -2.79
CIE _{LCh}	94, 5.235, 327.763
Yxy	85.1208, 0.3138, 0.3210
Android (android.graphics.Color)	4294241267 (0xFFFF4EBF3)
YUV	238.6030, 2.1677, 4.7332
Hunter-Lab	92.2609, -0.4983, 2.3505

Details

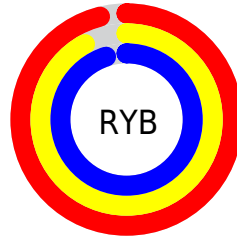
The XYZ color **83.1942, 85.1208, 96.8392** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7551, 88.4219, 92.1193**, and the grayscale version is **81.7197, 85.9755, 93.6274**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8288, 46.5194, 53.5774** is the 20% darker color. If you saturate the color by 10%, you get **76.2764, 71.9346, 92.5283**, and if you desaturate by 10%, it is **89.6594, 97.3896, 101.0311**.

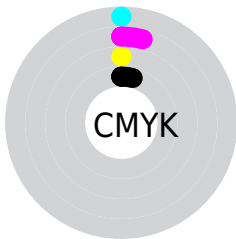
Distribution



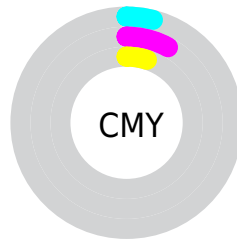
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



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





- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1942, 85.1208, 96.8392 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 83.1942, 85.1208, 96.8392 by changing the saturation by 10% instead.


 83.1942, 85.1208,
96.8392

 83.1942, 85.1208,
96.8392


494.2077,
512.0277, 571.1704

 62.6678, 63.9412,
73.0614


136.7745,
140.5419, 158.8205

 45.8302, 46.6031,
53.5340


170.5592,
175.5523, 197.8610

 32.3159, 32.7220,
37.8386


209.4940,
215.9416, 242.8261

 21.7596, 21.9135,
25.5566

253.9443,
262.0944, 294.1345

 13.7960, 13.7934,
16.2694

304.2755,
314.3950, 352.2045

 8.0597, 7.9771,
9.5586

360.8529,

 4.1853, 4.0803,

373.2278, 417.4548

5.0055

424.0418,
438.9773, 490.3040

■ 1.8075, 1.7186,
2.1917

■ 0.5222, 0.4356,
0.6696

■ 83.1942, 85.1208,
96.8392

■ 83.1942, 85.1208,
96.8392

■ 76.2764, 71.9346,
92.5283

■ 89.6594, 97.3896,
101.0311

■ 70.2816, 60.5860,
88.5539

■ 90.0782, 97.5571,
103.2365

■ 65.1708, 50.9958,
84.9036

■ 90.5031, 97.7271,
105.4740

■ 60.8994, 43.0750,
81.5627

■ 90.9341, 97.8995,
107.7438

■ 57.4190, 36.7266,
78.5147

■ 91.1188, 97.9734,
108.7160

■ 54.6761, 31.8436,
75.7418

■ 52.6106, 28.3060,
73.2238

■ 51.1528, 25.9745,
70.9373

■ 50.2180, 24.6796,
68.8540

Harmonies

Analogous

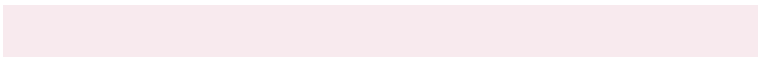
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1603, 85.1208, 99.6451



83.1942, 85.1208, 96.8392



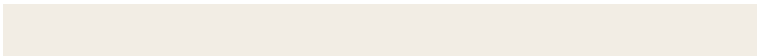
83.6139, 85.1208, 92.9821

Triad

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



83.1942, 85.1208, 96.8392



81.0095, 85.1208, 85.2181



78.5551, 85.1208, 96.3057

Complementary

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



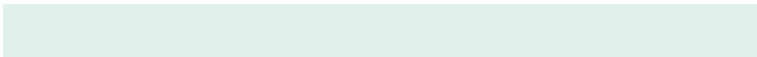
83.1942, 85.1208, 96.8392



81.7551, 88.4219, 92.1193

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.



78.2548, 85.1208, 92.3827



83.1942, 85.1208, 96.8392



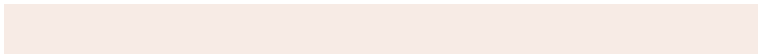
79.6621, 85.1208, 86.0512

Square

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



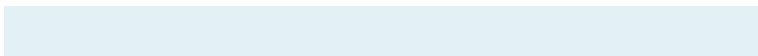
83.1942, 85.1208, 96.8392



82.3436, 85.1208, 86.3368



78.6577, 85.1208, 88.6457



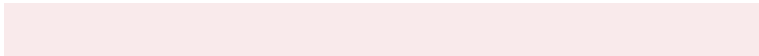
79.4828, 85.1208, 99.3309

Rectangle

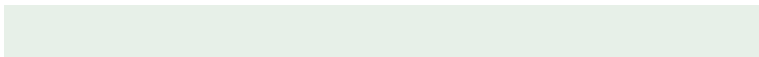
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



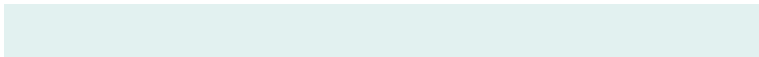
83.1942, 85.1208, 96.8392



83.4854, 85.1208, 90.3588



78.6577, 85.1208, 88.6457



78.3779, 85.1208, 95.0448

Sweetspot

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



83.1966, 85.1245, 96.8411



94.1963, 98.3655, 108.3905



80.6000, 83.7683, 97.5100



20.1709, 21.0715, 23.2054



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

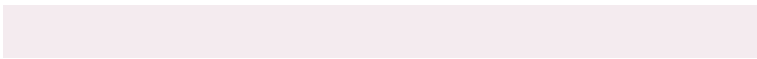
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1966, 85.1245, 96.8411



91.6999, 93.5911, 106.8855



82.5403, 84.8619, 93.3846



17.8560, 18.1205, 20.8779



27.1196, 13.1913, 36.9337



2.4057, 1.1683, 3.3630

Inverse Universe

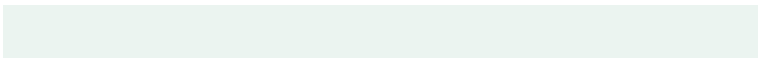
The Inverse Universe completely reimagines the original color for something new.



83.1966, 85.1245, 96.8411



91.6999, 93.5911, 106.8855



82.4021, 88.6807, 95.5265



17.8560, 18.1205, 20.8779



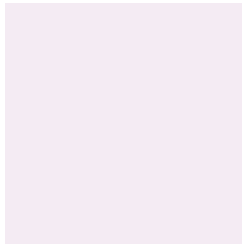
27.1196, 13.1913, 36.9337



2.4057, 1.1683, 3.3630

Previews

White Background



This preview shows how the XYZ color 83.1942, 85.1208, 96.8392 looks on a white background.

Color Contrast Check

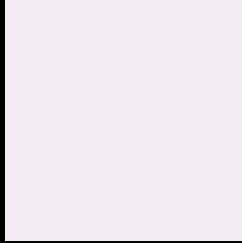
Large Text (above 18pt) WCAG AA × Fail

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 83.1942, 85.1208, 96.8392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

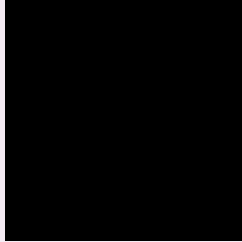
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

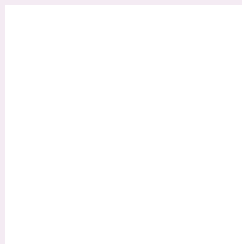
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1942, 85.1208, 96.8392

Background



This preview shows how black text looks on a background with the XYZ color 83.1942, 85.1208, 96.8392.



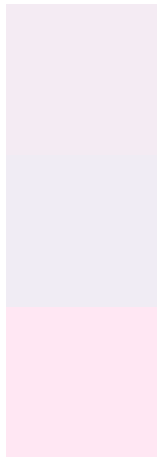
This preview shows how white text looks on a background with the XYZ color 83.1942, 85.1208,

96.8392.

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

83.1942, 85.1208, 96.8392

Protanopia

82.2598, 85.0478, 97.6683

Deuteranopia

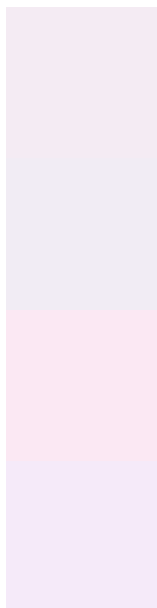
85.9936, 84.8829, 96.6457



Tritanopia

84.6497, 85.2864, 104.0959

Trichromacy



Original Color

83.1942, 85.1208, 96.8392

Protanomaly

82.6002, 85.2233, 97.6842

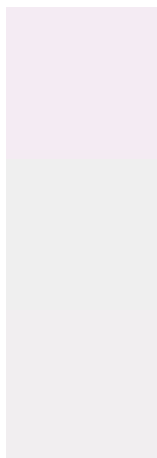
Deuteranomaly

84.8179, 84.6935, 96.6711

Tritanomaly

84.1779, 85.0977, 101.6114

Monochromacy



Original Color

83.1942, 85.1208, 96.8392

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5783, 86.1411, 94.7126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1942, 85.1208, 96.8392 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(244, 235, 243) looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 243)  
}
```

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(244, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.1942, 85.1208, 96.8392 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(244, 235, 243) }
```


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

```
.border{ border-color:rgb(244, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1942, 85.1208, 96.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 243) }
```

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

```
.background{ background-color: rgb(244,  
235, 243) }
```

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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