

Converting Colors

XYZ(81.6113, 83.4095, 90.5727)

Have a look what the booklet for
XYZ(81.6113, 83.4095, 90.5727)
contains.

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Color

**XYZ(81.7905, 83.6885,
90.4399)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E9EB
RGB	245, 233, 235
RGB Percent	96%, 91%, 92%
CMY	0.0392, 0.0863, 0.0784
CMYK	0.00, 0.05, 0.04, 0.04
HSL	350°, 37%, 94%
HSV	350°, 5%, 96%
XYZ	81.7905, 83.6885, 90.4399
YIQ	236.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

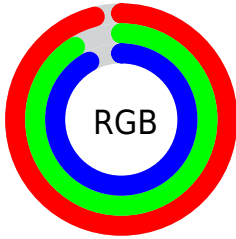
Format	Color
R _Y B	245, 233, 235
Decimal	16116203
CIE Lab	93.32, 4.40, 0.47
CIE LCh	93, 4.421, 6.126
Yxy	83.6885, 0.3196, 0.3270
Android (android.graphics.Color)	4294306283 (0xFF5E9EB)
YUV	236.8160, -0.8953, 7.1774
Hunter-Lab	91.4814, -0.5016, 5.4220

Details

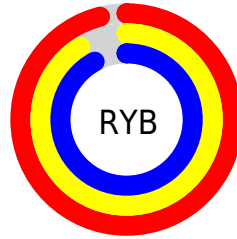
The XYZ color **81.7905, 83.6885, 90.4399** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4375, 89.1017, 97.6519**, and the grayscale version is **80.3600, 84.5449, 92.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8451, 45.5178, 49.0700** is the 20% darker color. If you saturate the color by 10%, you get **72.5476, 69.6561, 73.6270**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

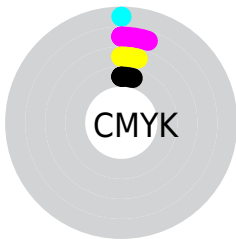
Distribution



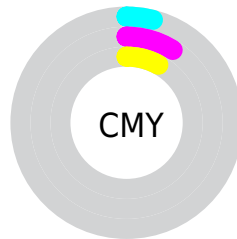
- Red (96%)
- Green (91%)
- Blue (92%)



- Red (96%)
- Yellow (91%)
- Blue (92%)



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




- Cyan (4%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7905, 83.6885, 90.4399 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 81.7905, 83.6885, 90.4399 by changing the saturation by 10% instead.


 81.7905, 83.6885,
90.4399

 81.7905, 83.6885,
90.4399

489.5918,
507.2783, 550.0678

 61.5064, 62.7583,
67.7698


134.8175,
138.5393, 149.8901

 44.8881, 45.6457,
49.2449


168.2912,
173.2288, 187.5073

 31.5702, 31.9663,
34.4469

206.8920,
213.2734, 230.9440

 21.1873, 21.3358,
22.9570

250.9854,
259.0576, 280.6186

 13.3743, 13.3697,
14.3567

300.9367,
310.9658, 336.9498

 7.7655, 7.6836,
8.2276

357.1113,

 3.9958, 3.8932,

369.3824, 400.3560

4.1511

419.8746,
434.6917, 471.2558

■ 1.6998, 1.6140,
1.7086

■ 0.4561, 0.3670,
0.3666

■ 81.7905, 83.6885,
90.4399

■ 81.7905, 83.6885,
90.4399

■ 72.5476, 69.6561,
73.6270

■ 91.4667, 98.1527,
108.7323

■ 64.5532, 57.5980,
58.8446

■ 57.7555, 47.4287,
46.0168

■ 52.0964, 39.0522,
35.0614

■ 47.5127, 32.3641,
25.8900

■ 43.9350, 27.2492,
18.4070

■ 41.2857, 23.5777,
12.5078

■ 39.4754, 21.1989,
8.0755

■ 38.3960, 19.9287,
4.9763

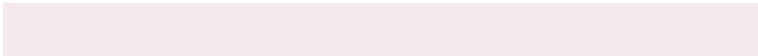
Harmonies

Analogous

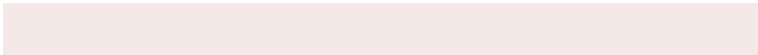
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6085, 83.6885, 93.7425



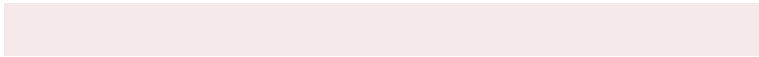
81.7905, 83.6885, 90.4399



81.3657, 83.6885, 87.3940

Triad

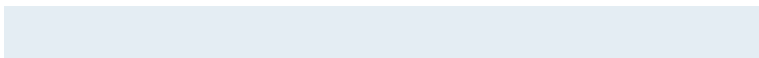
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7905, 83.6885, 90.4399



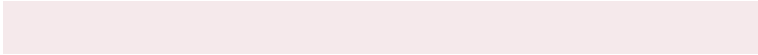
78.2306, 83.6885, 86.0406



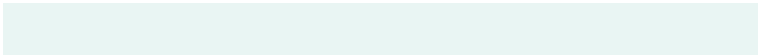
78.6407, 83.6885, 97.1130

Complementary

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



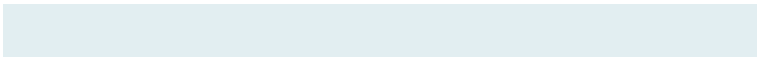
81.7905, 83.6885, 90.4399



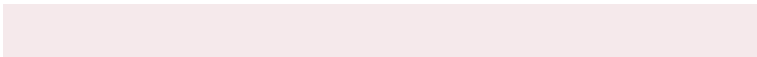
82.4375, 89.1017, 97.6519

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.



77.7486, 83.6885, 94.9557



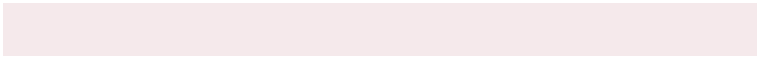
81.7905, 83.6885, 90.4399



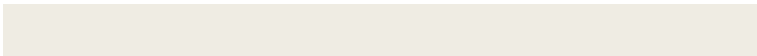
77.5135, 83.6885, 88.5519

Square

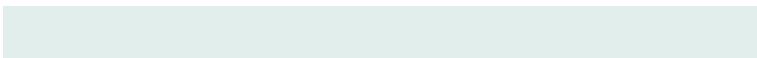
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7905, 83.6885, 90.4399



79.3047, 83.6885, 84.8943



77.3379, 83.6885, 91.8086



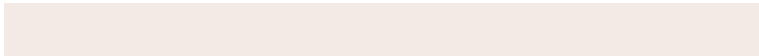
79.7826, 83.6885, 97.6482

Rectangle

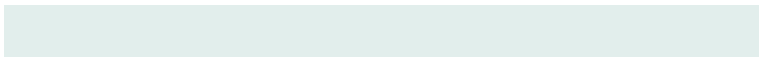
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



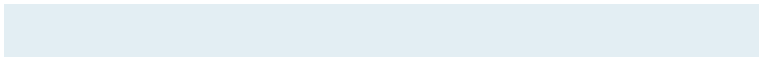
81.7905, 83.6885, 90.4399



80.7979, 83.6885, 85.9015



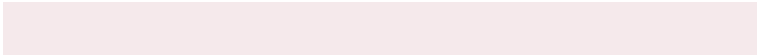
77.3379, 83.6885, 91.8086



78.3020, 83.6885, 96.5510

Sweetspot

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



81.7929, 83.6921, 90.4417



93.9015, 98.2476, 106.8381



82.5851, 83.9289, 98.2345



20.1109, 21.0475, 22.8895



0.0000, 0.0000, 0.0000



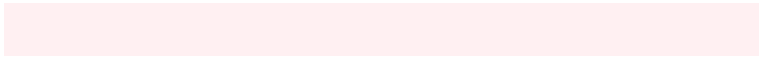
20.3446, 21.4041, 23.3091

Same Dimension

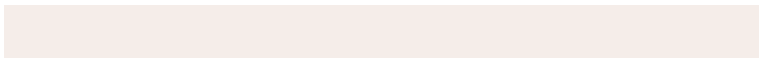
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7929, 83.6921, 90.4417



88.3758, 89.8292, 96.8787



82.6509, 85.8672, 89.3131



17.1905, 17.4073, 18.7514



20.5331, 10.5567, 2.2497



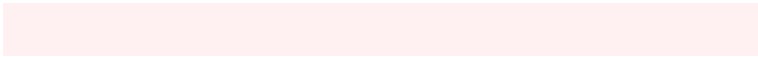
1.8364, 0.9405, 0.3649

Inverse Universe

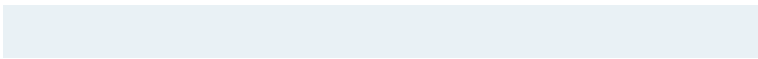
The Inverse Universe completely reimagines the original color for something new.



81.7929, 83.6921, 90.4417



88.3758, 89.8292, 96.8787



81.5440, 86.8296, 98.8492



17.1905, 17.4073, 18.7514



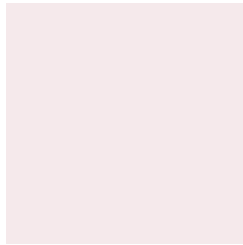
20.5331, 10.5567, 2.2497



1.8364, 0.9405, 0.3649

Previews

White Background



This preview shows how the XYZ color 81.7905, 83.6885, 90.4399 looks on a white background.

Color Contrast Check

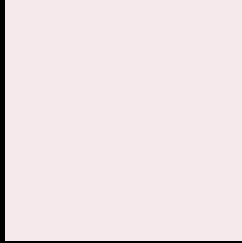
Large Text (above 18pt) WCAG AA × Fail

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 81.7905, 83.6885, 90.4399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

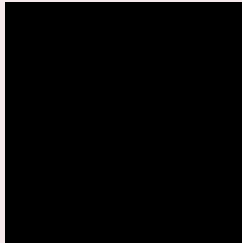
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

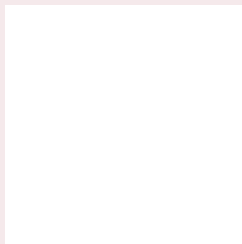
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7905, 83.6885, 90.4399

Background



This preview shows how black text looks on a background with the XYZ color 81.7905, 83.6885, 90.4399.



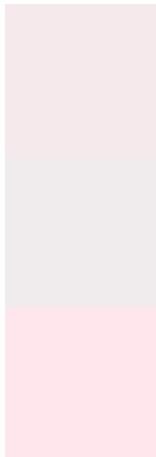
This preview shows how white text looks on a background with the XYZ color 81.7905, 83.6885,

90.4399.

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

81.7905, 83.6885, 90.4399

Protanopia

80.7838, 83.9981, 91.3124

Deuteranopia

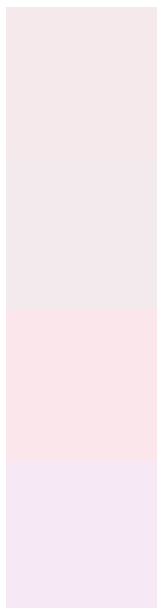
84.3996, 83.3548, 90.9976



Tritanopia

84.0326, 83.7655, 101.3619

Trichromacy



Original Color

81.7905, 83.6885, 90.4399

Protanomaly

81.1811, 83.7790, 91.2491

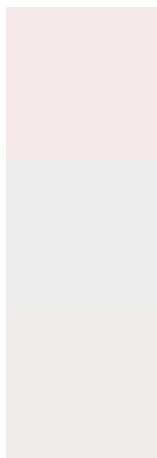
Deuteranomaly

83.2208, 83.1590, 91.0220

Tritanomaly

83.1918, 83.8377, 97.3856

Monochromacy



Original Color

81.7905, 83.6885, 90.4399

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0710, 84.5723, 91.4081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7905, 83.6885, 90.4399 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(245, 233, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 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(245, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.7905, 83.6885, 90.4399 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(245, 233, 235) }
```


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

```
.border{ border-color:rgb(245, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7905, 83.6885, 90.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 235) }
```

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

```
.background{ background-color: rgb(245,  
233, 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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